840 Request for Quotation

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Request for Quotation Transaction Set (840) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide potential buyers with the ability to solicit price, delivery schedule, and other items from potential sellers of goods and services.

Notes:

1. This draft Implementation Convention (IC) is used to solicit quotations for large or small purchases, or to amend, cancel or reissue a solicitation. In this convention, the terms solicit and quote are used generically and encompass such other terms as Invitation for Bid (IFB) and Bid; Request for Proposal (RFP) and Proposal, Broad Agency Announcement (BAA) and Request for Information (RFI). This convention can be used to transmit the solicitation information including conditions of sale, fill-in clauses, Contract Data Requirements Lists, Contract Security Classification Specification, hazardous material data and MIL-STD-2073 packaging requirements. It can also be used to solicit multiple prices based on various quantities, delivery to geographic zones (states or countries), different packaging requirements, or to request price breaks for various quantities.

2. When BQT01 is code 02, 03, or 04, use only those segments and data elements that are mandatory or necessary to add, delete, or change data in the solicitation. Transmit the segment(s) or loop(s) containing the added, deleted or changed data in their entirety.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BQT	Beginning Segment for Request for Quotation	M	1		
Not Used	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	>1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
	080	FOB	F.O.B. Related Instructions	O	>1		
Not Used	090	CTP	Pricing Information	O	>1		
Not Used	095	PAM	Period Amount	O	10		
	110	CSH	Header Sale Condition	O	25		
	120	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
Not Used	130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		

Not Used	140	DIS	Discount Detail	O	20		
	150	DTM	Date/Time Reference	O	10		
	160	LDT	Lead Time	O	12		
Not Used	180	LIN	Item Identification	O	5		n1
	190	PID	Product/Item Description	O	200		
	200	MEA	Measurements	O	40		
	210	PWK	Paperwork	O	25		
	220	PKG	Marking, Packaging, Loading	O	200		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2		
	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		
	260	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5		
	270	MAN	Marks and Numbers	O	10		
	280	RRA	Required Response	O	100		
			LOOP ID - N9			1000	
	290	N9	Reference Number	O	1		
	300	MSG	Message Text	O	1000		
			LOOP ID - N1			10000	
	310	N1	Name	O	1		
	320	N2	Additional Name Information	O	2		
	330	N3	Address Information	O	2		
	340	N4	Geographic Location	O	>1		
Not Used	350	REF	Reference Numbers	O	12		
	360	PER	Administrative Communications Contact	O	>1		
Not Used	370	FOB	F.O.B. Related Instructions	O	1		
Not Used	380	TD1	Carrier Details (Quantity and Weight)	O	2		
	390	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	400	TD3	Carrier Details (Equipment)	O	12		
	410	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5		
	420	PKG	Marking, Packaging, Loading	O	200		
Not Used	430	RRA	Required Response	O	25		
			LOOP ID - SPI			1	
	440	SPI	Specification Identifier	O	1		
	450	REF	Reference Numbers	O	5		
	460	DTM	Date/Time Reference	O	5		
	470	MSG	Message Text	O	50		
			LOOP ID - N1			20	
	490	N1	Name	O	1		
	500	N2	Additional Name Information	O	2		
	510	N3	Address Information	O	2		
	520	N4	Geographic Location	O	1		
Not Used	530	REF	Reference Numbers	O	20		
	540	G61	Contact	O	1		
	550	MSG	Message Text	O	50		

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CB1			>1	
	560	CB1	Contract and Cost Accounting Standards Data	O	1		
	570	REF	Reference Numbers	O	20		
	580	DTM	Date/Time Reference	O	5		
	590	LDT	Lead Time	O	1		
	600	MSG	Message Text	O	50		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PO1			100000	
Must Use	010	PO1	Baseline Item Data	M	1		
Not Used	020	CUR	Currency	O	1		
	025	CN1	Contract Information	O	1		
	030	PO3	Additional Item Detail	O	25		
	040	CTP	Pricing Information	O	>1		
Not Used	045	PAM	Period Amount	O	10		
	049	MEA	Measurements	O	40		
			LOOP ID - PID			1000	
	050	PID	Product/Item Description	O	1		
Not Used	060	MEA	Measurements	O	10		
	070	PWK	Paperwork	O	25		
	080	PKG	Marking, Packaging, Loading	O	200		
	090	PO4	Item Physical Details	O	>1		
	100	REF	Reference Numbers	O	>1		
	110	PER	Administrative Communications Contact	O	3		
	130	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
	140	IT8	Conditions of Sale	O	25		
Not Used	150	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	160	DIS	Discount Detail	O	20		
Not Used	170	TAX	Tax Reference	O	3		
	180	FOB	F.O.B. Related Instructions	O	>1		
	190	SDQ	Destination Quantity	O	50		
	200	DTM	Date/Time Reference	O	10		
Not Used	230	FST	Forecast Schedule	O	>1		
Not Used	240	TD1	Carrier Details (Quantity and Weight)	O	1		
	250	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	260	TD3	Carrier Details (Equipment)	O	12		
	270	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5		
	280	MAN	Marks and Numbers	O	10		
	290	RRA	Required Response	O	25		
	295	MSG	Message Text	O	1000		
	296	SPI	Specification Identifier	O	>1		

			LOOP ID - SCH			104
	297	SCH	Line Item Schedule	O	1	n2
Not Used	298	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	299	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	300	TD3	Carrier Details (Equipment)	O	12	
Not Used	301	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
			LOOP ID - LDT			>1
	302	LDT	Lead Time	O	1	
	303	QTY	Quantity	O	>1	
	304	MSG	Message Text	O	1	
			LOOP ID - LM			1
	305	LM	Code Source Information	O	1	
Must Use	306	LQ	Industry Code	M	1	
			LOOP ID - SLN			1000
Not Used	308	SLN	Subline Item Detail	O	1	
Not Used	310	PID	Product/Item Description	O	1000	
			LOOP ID - N9			1000
	320	N9	Reference Number	O	1	
	330	MSG	Message Text	O	1000	
			LOOP ID - N1			>1
	340	N1	Name	O	1	
	350	N2	Additional Name Information	O	2	
	360	N3	Address Information	O	2	
	370	N4	Geographic Location	O	1	
Not Used	380	REF	Reference Numbers	O	12	
	390	PER	Administrative Communications Contact	O	3	
Not Used	400	FOB	F.O.B. Related Instructions	O	1	
	405	SCH	Line Item Schedule	O	200	
Not Used	410	TD1	Carrier Details (Quantity and Weight)	O	2	
	420	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	430	TD3	Carrier Details (Equipment)	O	12	
	440	TD4	Carrier Details (Special Handling or Hazardous Materials or Both)	O	5	
	450	PKG	Marking, Packaging, Loading	O	200	
Not Used	460	RRA	Required Response	O	25	
Not Used	465	CTP	Pricing Information	O	1	
Not Used	469	PAM	Period Amount	O	10	
			LOOP ID - LDT			>1
	470	LDT	Lead Time	O	1	
	480	MAN	Marks and Numbers	O	10	
	490	QTY	Quantity	O	5	
	500	MSG	Message Text	O	1000	

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	CTT	Transaction Totals	M	1		n3
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. If segment LIN is used, do not use LIN01.
2. The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used, the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
3. The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment:	**ST** Transaction Set Header			

Segment: **ST** Transaction Set Header

Position: 010

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the start of a transaction set and to assign a control number

Syntax Notes:

Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			840　　　　　X12.7 Request for Quotation	
Must Use	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			This unique control number is assigned by the originator of the transaction set or by the originator's application program. This same number is carried in SE02.	

Segment: **BQT** Beginning Segment for Request for Quotation

Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a Request for Quotation Transaction Set and transmit identifying numbers and dates
Syntax Notes: 1 If either BQT04 or BQT05 is present, then the other is required.
Semantic Notes: 1 BQT03 is the date to be used for reference purposes in an RFQ and a reponse to RFQ.
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	BQT01	353	**Transaction Set Purpose Code**	**M ID 2/2**

Code identifying purpose of transaction set

Use to identify the purpose of the transaction set.

00	Original

Use to indicate an original solicitation.

01	Cancellation

Use to indicate the cancellation of a previously transmitted solicitation. Do not use when the solicitation is to be reissued. In this case use code 17.

02	Add

Use to indicate an amended solicitation that is adding a new or first occurrence of a free standing segment(s) or a new or first iteration of a loop(s). When used, transmit the segment(s) or loop(s) containing the data to be added in their entirety.

03	Delete

Use to indicate an amended solicitation that is deleting, without replacement, an entire occurrence of a free standing segment(s) or an entire iteration of a loop(s). When used, transmit the segment(s) or loop(s) containing the data to be deleted in their entirety.

04	Change

Use to indicate an amended solicitation that contains a combination of data additions, deletions or changes to a previously transmitted solicitation. When used, transmit all segments or loops that

contain data additions, deletions or changes in their entirety. Use this code only when codes 02 or 03 do not apply.

	05	Replace

Use to indicate a conformed solicitation, i.e., a solicitation that includes all amendments.

	07	Duplicate

Use to indicate the re-transmission of a previously transmitted solicitation.

	14	Advance Notification

Use to indicate a pre-solicitation announcement , e.g., a Commerce Business Daily (CBD) synopsis.

	17	Cancel, to be Reissued

Use to indicate a cancellation of a previously transmitted solicitation only when the solicitation is to be reissued. Otherwise, use code 01 to cancel a previously transmitted solicitation.

	18	Reissue

Use to indicate the reissue of a previously canceled solicitation. Use only when code 17 was previously used to cancel a solicitation. When used, if the reissued solicitation has a new number, cite the original solicitation in the 1/REF/050 segment using code KS in REF01.

	22	Information Copy

Use to indicate an information copy of an original solicitation. This information copy is sent to addressees other than the solicited parties.

	24	Draft

Use to indicate the transmission of complete or partial data regarding a draft solicitation. This code will be used when requesting comments on a draft solicitation from potential offerors.

Must Use	BQT02	586	Request for Quote Reference Number	M AN 1/45

Number assigned by the purchaser to identify his request for quote

Use to identify the unique number assigned to the solicitation, regardless of the type of solicitation. If this is an amendment to a solicitation (BQT01 is either Code 02, 03, 04, 05 or 18 (if the original solicitation number is retained) and BQT07 is Code 06), the solicitation number and amendment number will be concatenated.

Must Use	BQT03	373	Date	M DT 6/6

Date (YYMMDD)

Use to identify either the date of the solicitation (when BQT01 is one of codes 00, 01, 07, 17, 18 (if a new solicitation number is used), or 22);

Not Used	BQT04	374	**Date/Time Qualifier**	**X**	**ID 3/3**

Code specifying type of date or time, or both date and time

Not Used	BQT05	373	**Date**	**X**	**DT 6/6**

Date (YYMMDD)

	BQT06	92	**Purchase Order Type Code**	**O**	**ID 2/2**

Code specifying the type of Purchase Order

Use to identify the type of award instrument that is expected to be issued as a result of this solicitation.

KA   Agreement

Use to indicate cooperative agreements and other agreements.

KB   Blanket Purchase Agreement

A charge account established with qualified sources of supply to satisfy repetitive requirements

KC   Contract

A legally binding document wherein one party agrees to provide supplies or services and another party agrees to provide compensation for the supplies or services

KD   Basic Agreement

A written instrument of understanding that contemplates separate future contracts

KE   Basic Ordering Agreement

A document which contains terms and conditions, a description of supplies or services to be provided and methods of pricing, issuing, and delivering orders under this agreement

KG   Grant

KI   Indefinite Delivery Indefinite Quantity

A contract that provides for a minimum quantity and an indefinite maximum quantity within stated limits

KN   Purchase Order

Procurement instrument within the small purchasing threshold

KQ   Indefinite Delivery Definite Quantity

A contract that provides for delivery of a specified quantity over a fixed period of time to unspecified locations

KR   Requirements

A contract to provide all specified requirements of

designated organizations for a fixed period of time

	KS	Letter Contract
	KT	Task Order
	LS	Lease

Use to indicate a lease agreement as the type of intended award instrument. When equipment rental is to be awarded pursuant to another type of instrument (purchase order, delivery order, contract, etc.), use the appropriate listed code in this data element and use code ER in BQT10.

	RL	Release or Delivery Order

An order for goods and services placed against a pre-existing contract or blanket order

Use to indicate releases, calls, or delivery orders against existing award instruments, e.g., if soliciting quotes for a Federal Supply Schedule item.

BQT07	**960**	**Request for Quote Type Code**		**O**	**ID 2/2**

Code specifying the type of request for quote

Use to indicate the type of solicitation.

	01	Request For Quote
	03	Invitation for Bid
	04	Request for Proposal
	06	Amendment to Solicitation
	07	Request for Technical Proposal
	08	Request for Price Proposal
	09	Request for Information
	11	Broad Announcement

Use to indicate a Broad Agency Announcement.

	BF	Best and Final

BQT08	**1166**	**Contract Type Code**		**O**	**ID 2/2**

Code identifying a contract type

Use to identify the type of pricing arrangement for the award instrument that is expected to result from this solicitation. If there are line items that may have a different pricing arrangement, that pricing arrangement should be specified in the 2/CN1/025 segment within the PO1 loop that is applicable to the line item. Both BQT08 and the 2/CN1/025 segment can be included in the transaction set if needed.

	CA	Cost Plus Incentive Fee (With Performance Incentives)
	CB	Cost Plus Incentive Fee (Without Performance Incentives)
	CH	Cost Sharing

	CS	Cost	
	CW	Cost Plus Award Fee	
	CX	Cost Plus Fixed Fee	
	FB	Fixed Price Incentive Firm Target (With Performance Incentive)	
	FC	Fixed Price Incentive Firm Target (Without Performance Incentive)	
	FD	Fixed Price Redetermination	

Use to indicate a prospective fixed price redetermination award instrument.

	FF	Fixed Price Incentive Successive Target (With Performance Incentive)	
	FG	Fixed Price Incentive Successive Target (Without Performance Incentive)	
	FH	Fixed Price Award Fee	
	FJ	Fixed Price Level of Effort	
	FK	No Cost	
	FR	Firm Fixed Price	
	FX	Fixed Price with Economic Price Adjustment	
	LH	Labor Hours	
	TM	Time and Materials	
	ZZ	Mutually Defined	

Use to indicate a retroactive fixed price redetermination award instrument.

BQT09   786   Security Level Code   O   ID 2/2

Code indicating the level of confidentiality assigned by the sender to the information following

Use to identify the highest level of government security classification applicable to the solicitation.

92	Government Confidential	
93	Government Secret	
94	Government Top Secret	

BQT10   1232   Purchase Category   O   ID 2/2

Code identifying the broad category of products or services being acquired

Use to identify the category applicable to the solicitation.

AE	Architect and Engineering	
CN	Construction	
DR	Demolish, Dismantle or Replace	
ER	Equipment Rental	
IR	Inspect and Repair as Necessary	
MD	Modification	
OV	Overhaul	

RD	Research and Development
	Includes traineeships and fellowships.
RE	Repair
SB	Shipbuilding
SP	Supplies
SU	Subsistence
SV	Services
TE	Test and Evaluation
UT	Utilities

Segment:	**CUR** Currency			

Position: 040
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:
1. If CUR08 is present, then CUR07 is required.
2. If CUR09 is present, then CUR07 is required.
3. If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. If CUR11 is present, then CUR10 is required.
5. If CUR12 is present, then CUR10 is required.
6. If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. If CUR14 is present, then CUR13 is required.
8. If CUR15 is present, then CUR13 is required.
9. If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. If CUR17 is present, then CUR16 is required.
11. If CUR18 is present, then CUR16 is required.
12. If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. If CUR20 is present, then CUR19 is required.
14. If CUR21 is present, then CUR19 is required.

Semantic Notes:
Comments:
1. See Figures Appendix for examples detailing the use of the CUR segment.

Notes:
1. Use to indicate that quotes may be submitted in a currency other than US dollars. Do not use when quotes are to be submitted only in US dollars. When used, one currency, other than US dollars must be cited in CUR02. CUR05 may be used to cite a second acceptable currency.

2. If quotes may be submitted in any currency, use the 1/N9/290 loop with code KD in N901 and use the 1/MSG/300 segment to provide that instruction.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CUR01	98	**Entity Identifier Code**	M ID 2/2

Code identifying an organizational entity, a physical location, or an individual

C5   Party Submitting Quote

A business entity submitting a quote; this entity may be the party who ultimately performs if an order is received, or the entity may be submitting the quote on behalf of another entity who will perform if an order is received

Use to indicate that a quoting party may quote in a currency cited in CUR02 or CUR05.

	Ref. Des.	Data Element	Name	Attributes
Must Use	CUR02	100	**Currency Code**	M ID 3/3

Code (Standard ISO) for country in whose currency the charges are specified

Use any code other than the code for US dollars.

Not Used	CUR03	280	**Exchange Rate**		O	R 4/6

Value to be used as a multiplier conversion factor to convert monetary value from one currency to another

Not Used	CUR04	98	**Entity Identifier Code**		O	ID 2/2

Code identifying an organizational entity, a physical location, or an individual

	CUR05	100	**Currency Code**		O	ID 3/3

Code (Standard ISO) for country in whose currency the charges are specified

Use any code other than the code for US dollars.

Not Used	CUR06	669	**Currency Market/Exchange Code**		O	ID 3/3

Code identifying the market upon which the currency exchange rate is based

Not Used	CUR07	374	**Date/Time Qualifier**		X	ID 3/3

Code specifying type of date or time, or both date and time

Not Used	CUR08	373	**Date**		O	DT 6/6

Date (YYMMDD)

Not Used	CUR09	337	**Time**		O	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	CUR10	374	**Date/Time Qualifier**		X	ID 3/3

Code specifying type of date or time, or both date and time

Not Used	CUR11	373	**Date**		X	DT 6/6

Date (YYMMDD)

Not Used	CUR12	337	**Time**		X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	CUR13	374	**Date/Time Qualifier**		X	ID 3/3

Code specifying type of date or time, or both date and time

Not Used	CUR14	373	**Date**		X	DT 6/6

Date (YYMMDD)

Not Used	CUR15	337	**Time**		X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes

(00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	CUR16	374	**Date/Time Qualifier**		X	ID 3/3

Code specifying type of date or time, or both date and time

Not Used	CUR17	373	**Date**		X	DT 6/6

Date (YYMMDD)

Not Used	CUR18	337	**Time**		X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	CUR19	374	**Date/Time Qualifier**		X	ID 3/3

Code specifying type of date or time, or both date and time

Not Used	CUR20	373	**Date**		X	DT 6/6

Date (YYMMDD)

Not Used	CUR21	337	**Time**		X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Segment:		**REF** Reference Numbers		

Segment: **REF** Reference Numbers

Position:	050
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use this 1/REF/050 segment to identify reference numbers that apply to all of the line items. If the reference numbers vary by line item, use the 2/REF/100 segment.*
	2. There must be one occurrence of this REF segment in all transmissions when BQT01 is code 00, 05, 07, 14, 18, or 24, with REF01 citing code IJ. Use of this segment with REF01 citing code IJ is optional when BQT01 is code 02, 03, 04, or 22.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Number Qualifier**	M ID 2/2

Code qualifying the Reference Number.

16		Military Interdepartmental Purchase Request (MIPR) Number

A specific form used to transmit obligation authority (dollars) and requirements between a service or agency requiring a purchase and a military service or agency responsible for procuring the requirement

2E		Foreign Military Sales Case Number

A reference number designating the foreign military sale records

Use to indicate the items being solicited are for a Foreign Military Sale (FMS).

2S		Catalog

Use to indicate the Catalog of Federal Domestic Assistance. This is where additional information regarding the program funding source can be found.

2Y		Wage Determination

Use to indicate a Department of Labor Wage Determination number. Use if the Wage Determination is passed by reference only or to identify the Wage Determination passed by some

other means identified in the PWK segment.

73	Statement of Work (SOW)

Description of a product or service to be procured under a contract; statement of requirements

If a Statement of Work is part of the solicitation, the PWK segment can be used to indicate how the SOW is being provided if it is not included in the transaction set.

97	Package Number

A serial number indicating unit shipped

CT	Contract Number

Use to indicate an existing contractual instrument applicable to this solicitation.

DG	Drawing Number

DS	Defense Priorities Allocation System (DPAS) Priority Rating

When used, the code cited in REF02 is a 4 position code.

IJ	Standard Industry Classification (SIC) Code

Use to indicate the Standard Industry Classification code that is applicable to the solicitation.

IL	Internal Order Number

Use to indicate the requisition, Military Standard Requisitioning and Issue Procedures (MILSTRIP) or Federal Standard Requisitioning and Issue Procedures (FEDSTRIP), document number.

IQ	End Item

Use to indicate the end item to which the solicited items apply.

IX	Item Number

Use to indicate a Federal Supply Schedule (FSS) special item number.

K4	Criticality Designator

A number assigned to a contract or order that expresses the relative importance of that contract or order and thereby assists the contractor in making performance decisions and assists in making production surveillance decisions

Use to indicate the surveillance criticality designator that will be applicable to any award instrument resulting from the solicitation.

KS	Solicitation

A discreet number assigned by the purchasing activity to differentiate between different solicitations

		When BQT01 is code 18 and a new solicitation number is assigned, use to indicate the original solicitation number.
LT	Lot Number	
LX	Qualified Products List	
		When CSH01 is code QP, QM, or QB, use to indicate the Qualified Product List, Qualified Manufacturer List or Qualified Bidders List number.
NI	Military Standard (MIL-STD) Number	
NJ	Technical Document Number	
NL	Technical Order Number	
P4	Project Code	
		Use to indicate the project number applicable to the solicitation.
PH	Priority Rating	
		Use to indicate the MILSTRIP/FEDSTRIP priority rating.
QC	Product Specification Document Number	
	Model designation of replacement component	
RQ	Purchase Requisition No.	
		Use to indicate the Purchase Request (PR) number or Purchase Request Order Number (PRON). When citing a Purchase Request number, concatenate the line item number with the Purchase Request number if it is necessary to transmit both numbers.
RS	Returnable Container Serial Number	
S2	Military Specification Number (MILSPEC)	
S3	Specification Number	
		Use to indicate a specification number other than a Military Specification (MIL-SPEC). When used, cite the specification number in REF02 and identify the issuing activity in REF03.
T4	Signal Code	
	Defense Fuel Supply Center to bill back fuel purchases to the appropriate service or agency account fund	
TN	Transaction Reference Number	
		1. Use to indicate the unique reference number of a related transaction set (e.g. an 841 transaction set carrying a related technical specification or drawing). Each transaction set has a unique

TP	Test Specification Number	
VW	Standard	

W2	Weapon System Number	

Identifies a weapon system

W6   Federal Supply Schedule Number

Identifies an item with a two-digit group number, two-digit part number, and one-character section letter

W8   Suffix

Differentiates between partial actions taken on the original transaction

WK   Type of Science Code

XE   Transportation Priority Number

Number indicating the level of government priority associated with the transportation of a shipment

ZZ   Mutually Defined

REF02   **127**   **Reference Number**   **X   AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

this data element.

| REF03 | 352 | Description | X   AN 1/80 |

A free-form description to clarify the related data elements and their content

1. Use to carry additional information related to a reference number cited in REF02.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**FOB** F.O.B. Related Instructions	
Position:	080	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify transportation instructions relating to shipment	
Syntax Notes:	1	If FOB03 is present, then FOB02 is required.
	2	If FOB04 is present, then FOB05 is required.
	3	If FOB07 is present, then FOB06 is required.
	4	If FOB08 is present, then FOB09 is required.
Semantic Notes:	1	FOB01 indicates which party will pay the carrier.
	2	FOB02 is the code specifying transportation responsibility location.
	3	FOB06 is the code specifying the title passage location.
	4	FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
Comments:		
Notes:		

1. Use this 1/FOB/080 segment if the FOB point and the acceptance location apply to all of the line items. When the FOB point and/or acceptance location varies by line item, use the 2/FOB/180 segment.

2. If the FOB point varies by delivery zone or destinations within a delivery zone, use the 1/N1/310 loop citing code DZ in N101, identify the delivery zone in N103/104 citing code ZN in N103 and identify the FOB point in N405/406.

3. This segment is not used when the solicitation is for construction or a service without deliverables.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	FOB01	146	**Shipment Method of Payment**	M ID 2/2

Code identifying payment terms for transportation charges

BP   Paid by Buyer

The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location)

Use to indicate a Government Bill of Lading (GBL) will be issued.

PE   Prepaid and Summary Bill

Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.

PP   Prepaid (by Seller)

			Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on the award instrument's invoice.		

| | | PS | Paid by Seller | | |

The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location)

Use to indicate transportation charges are included in the unit price.

| | **FOB02** | **309** | **Location Qualifier** | **X** | **ID 1/2** |

Code identifying type of location

Use to identify the FOB point.

		DE	Destination (Shipping)
		FV	Free Alongside Vessel (Free On Board [F.O.B.] Point)
		IT	Intermediate FOB Point

A location indicating the point of destination is not the origin or final destination but rather at some other point

Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IC in N101.

		KE	Port of Embarkation

Use to indicate that the FOB Point is an overseas port of embarkation, either aerial or water, for delivery of Government furnished completed end items. Provide the address in the N1 loop, citing code KX in N101.

		KL	Port of Loading

Use to indicate that the FOB Point is a port of loading. Provide the address in the N1 loop, citing code KX in N101.

		OR	Origin (Shipping Point)
		W	Worldwide Geographic Location Code

Use to indicate the FOB point for deliveries within the continental United States is destination and the FOB point for deliveries outside the continental United States is origin.

		ZZ	Mutually Defined

Use to indicate an Other FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.

| **Not Used** | **FOB03** | **352** | **Description** | **O** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

| Not Used | FOB04 | 334 | **Transportation Terms Qualifier Code** | **O** | **ID 2/2** |

Code identifying the source of the transportation terms

| Not Used | FOB05 | 335 | **Transportation Terms Code** | **X** | **ID 3/3** |

Code identifying the trade terms which apply to the shipment transportation responsibility

| | FOB06 | 309 | **Location Qualifier** | **X** | **ID 1/2** |

Code identifying type of location

Use to identify the acceptance point. This code also identifies the inspection location when it is the same as the acceptance point.

DE	Destination (Shipping)
OR	Origin (Shipping Point)
ZZ	Mutually Defined

1. Use to indicate the acceptance point is neither at origin nor at destination. When both the acceptance and inspection points are the same location but neither origin nor destination, use the 1/N1/310 loop, citing code 7M in N101.

2. When both the acceptance and inspection points are at different locations but neither are origin nor destination, use the 1/N1/310 loop to provide the acceptance point address, citing code KZ in N101 and the inspection point in another iteration of the N1 loop, citing code L1 in N101.

| Not Used | FOB07 | 352 | **Description** | **O** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

| Not Used | FOB08 | 54 | **Risk of Loss Qualifier** | **O** | **ID 2/2** |

Code specifying where responsibility for risk of loss passes

| Not Used | FOB09 | 352 | **Description** | **X** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

Segment:	**CSH** Header Sale Condition
Position:	110
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	25
Purpose:	To specify general conditions or requirements of the sale

Syntax Notes:	1	If CSH02 is present, then CSH03 is required.
	2	If either CSH06 or CSH07 is present, then the other is required.

Semantic Notes:	1	CSH03 is the maximum monetary amount value which the order must not exceed.
	2	CSH04 is the account number to which the purchase amount is to be charged.
	3	CSH05 is the date specified by the sender to be shown on the invoice.
	4	CSH06 identifies the source of the code value in CSH07.
	5	CSH09 is the percent of the Set-Aside.

Comments:

Notes:

1. Use this 1/CSH/110 segment to identify conditions of sale that apply to all of the line items. If there are conditions of sale that apply to a specific line item, use the 2/IT8/140 segment.

2. Use this segment also to specify special services (minimum packaging requirements) that apply to all of the line items. These special services are identified in CSH07. If this information varies by line item, cite the information in the 2/PO4/090 segment in PO404.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
CSH01	563	Sales Requirement Code	O ID 1/2

Code to identify a specific requirement or agreement of sale

8A	Section (8a) Set-Aside	

A procurement reserved for disadvantaged business firms the provisions of Section 8(a) of the Small Business Act (15 U.S.C. 637 (a))

BC	Restricted to Historically Black College or University or Minority Institution
C	Consignment

Use to indicate an Indian (Native American) preference.

EI	Restricted to Educational Institutions
GS	Guaranteed Sale

Use to indicate a multi-year contract will be awarded.

IP	Restricted to Industrial Preparedness Program Participants

	IS		Substitute Item Allowed		

Use to indicate substitute items, including "or equal" items. To specify an "or equal" item, use code X in CSH08 in conjunction with this code.

K	Small Purchase Set Aside for Small Businesses

A procurement action that has been reserved for (set aside for) businesses classified as "small business"

P	Large Purchase, Set-Aside for Small Business
P2	Ship As Soon As Possible

Use only with DTM01 code 996.

P4	Do Not Preship

Use only when DTM01 is code 064 or 106; or when LDT01 is code AY.

Q	Small, Disadvantaged Business Set-Aside
QB	On Qualified Bidders List
QM	On Qualified Manufacturers List
QP	Restricted to Qualified Products List (QPL) Products
SC	Ship Complete

Use to indicate partial shipments will not be accepted.

SV	Ship Per Release

Use to indicate solicited items(s) will be shipped in -place.

T	Small Business with Small, Disadvantaged Business Consideration Set-Aside
UC	Restricted to U.S. and Canadian Sources
UL	Other Unlisted Sales Condition

Use to indicate another sales condition, e.g., a bid guarantee, is required. When used, identify the other condition in the 1/N9/290 segment using code KD in N901. If the other sales condition is a bid guarantee, cite the percentage of the quote required for the guarantee in CSH09. If a maximum dollar limitation applies, also cite that discrete amount in CSH03.

UP	Unrestricted Procurement
YI	Restricted to Young Investigator Program
Z	Mutually Defined

Use to indicate a warranty is required.

Not Used	CSH02	564	**Do-Not-Exceed Action Code**	O	ID 1/1

Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565)

	CSH03	610	**Amount**	X	N2 1/15

Monetary amount

Use to indicate the maximum dollar limitation of the bid guarantee, if any.

| Not Used | CSH04 | 508 | **Account Number** | **O** | **AN 1/35** |

Account number assigned

| Not Used | CSH05 | 373 | **Date** | **O** | **DT 6/6** |

Date (YYMMDD)

| | CSH06 | 559 | **Agency Qualifier Code** | **X** | **ID 2/2** |

Code identifying the agency assigning the code values

AX   ANSI Accredited Standards Committee, X12

| | CSH07 | 560 | **Special Services Code** | **X** | **ID 2/10** |

Code identifying the special service

Use to identify general packaging requirements when MIL-STD 2073 -2C codes are not required to provide this information.

PL   Palletizing

    Use to indicate palletized loads are required.

S0050   Special Packaging

    Use to indicate shrink wrap is required.

| | CSH08 | 566 | **Product/Service Substitution Code** | **O** | **ID 1/2** |

Code indicating product or service substitution conditions

Use only when CSH01 is Code IS to indicate any conditions applicable to offering a substitute product.

A   No Quantity or Unit of Measure Change Allowed

B0   No Substitution Allowed

    Use only when CSH01 is a code other than code IS.

X   Equivalent Item Substitution

    Use to indicate an "or equal" item.

Y   Alternate Item Substitution Allowed

| | CSH09 | 954 | **Percent** | **O** | **R 1/10** |

Percentage expressed as a decimal

1. When CSH01 is Code 8A, K, P, Q, or T, cite the percent of the set -aside in this data element.

2. When CSH01 is code UL and the other sales condition is a bid guarantee, cite the percent of the quote amount required for the bid guarantee.

3. Cite 4.25% as 4.25; cite 3% as 3 (note: leading and trailing zeros are suppressed).

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information		

Segment: **SAC** Service, Promotion, Allowance, or Charge Information

Position: 120

Loop:

Level: Heading

Usage: Optional

Max Use: 25

Purpose: To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Syntax Notes:
1 At least one of SAC02 or SAC03 is required.
2 If either SAC03 or SAC04 is present, then the other is required.
3 If either SAC06 or SAC07 is present, then the other is required.
4 If either SAC09 or SAC10 is present, then the other is required.
5 If SAC11 is present, then SAC10 is required.
6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7 If SAC14 is present, then SAC13 is required.

Semantic Notes:
1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
3 SAC08 is the allowance or charge rate per unit.
4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.

Comments:
1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

Notes: *1. Use this 1/SAC/120 segment to identify services or potential non-CLIN charges applicable to all of the line items. If the services, or potential non-CLIN charges vary by line item, use the 2/SAC/130 segment.*

2. Offerors will respond in the quote with amounts and, if applicable, quantities, that apply to the services or non-CLIN charges identified in this segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SAC01	248	**Allowance or Charge Indicator**	M ID 1/1

Code which indicates an allowance or charge for the service specified

R   Allowance Request

Use to comply with the mandatory nature of this data element when identifying a service or potential non-CLIN charge in SAC02 for which the bidder is to provide an amount in the offer.

SAC02   1300   Service, Promotion, Allowance, or Charge Code   X   ID 4/4

Code identifying the service, promotion, allowance, or charge

Any code, other than code ZZZZ, may be used but the listed codes are preferred.

B180   Cleaning Charge
B610   Container Service Charge USA/Canada
Use to indicate a reusable container requirement.

B870   Customs Charge
C240   Disconnect Charge
C330   Distribution Fee
C370   Diversion Charge
C880   Expediting Premium
D500   Handling
D530   Hazardous Cargo Charge
D660   Hook-up charge
D820   Inside Delivery
D870   Inspection
D890   Installation and Training
D900   Installation
E340   Less Than Truckload (LTL) Charge
Use to indicate a less than carload or truckload delivery.

E400   Loading (Labor Charges)
F150   Packaging Service
F460   Postage
F560   Premium Transportation
F830   Proof of Delivery
Use to indicate a DD Form 250.

G030   Reconnect charge
G350   Rents and Leases
G470   Restocking Charge
G530   Rework
G580   Royalties
G660   Scrap Allowance
G740   Service Charge
G760   Set-up
H170   Special Tooling Charge
H430   Storage
H540   Supplemental Items

Use to indicate Contractor Acquired Parts (CAP).

H550   Surcharge
H680   Tax - Governmental
Use to indicate that the offeror is required to identify the taxes applicable to the total quote amount that are not included in the unit prices. The offeror is to specify the tax type in the 1/SAC/120 segment of the 843 transaction set by use of the appropriate code in SAC02. Codes H680 and H850 may not be used by the offeror for this purpose.

H850   Tax
Use to indicate that the offeror is required to identify total taxes applicable to the total quote amount that are included in the unit prices. The offeror will use code H850 in SAC02 of the 843 transaction set to identify these total taxes.

H990   Testing Services Charge
I260   Transportation Direct Billing
Use to indicate transportation charges that are to be pre-paid and added to the invoice.

I380   Unloading (Labor Charges)
I590   Warranties

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SAC03	559	**Agency Qualifier Code**	X	ID 2/2

Code identifying the agency assigning the code values

Not Used	SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**	X	AN 1/10

Agency maintained code identifying the service, promotion, allowance, or charge

Not Used	SAC05	610	**Amount**	O	N2 1/15

Monetary amount

Not Used	SAC06	378	**Allowance/Charge Percent Qualifier**	X	ID 1/1

Code indicating on what basis allowance or charge percent is calculated

Not Used	SAC07	332	**Percent**	X	R 1/6

Percent expressed as a percent

Not Used	SAC08	118	**Rate**	O	R 1/9

Rate expressed in the standard monetary denomination for the currency specified

Not Used	SAC09	355	**Unit or Basis for Measurement Code**	X	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	SAC10	380	**Quantity**	X	R 1/15

Numeric value of quantity

| Not Used | SAC11 | 380 | **Quantity** | **O** | **R 1/15** |

Numeric value of quantity

| Not Used | SAC12 | 331 | **Allowance or Charge Method of Handling Code** | **O** | **ID 2/2** |

Code indicating method of handling for an allowance or charge

| Not Used | SAC13 | 127 | **Reference Number** | **X** | **AN 1/30** |

Reference number or identification number as defined for a particular
Transaction Set, or as specified by the Reference Number Qualifier.

| Not Used | SAC14 | 770 | **Option Number** | **O** | **AN 1/20** |

A unique number identifying available promotion or allowance options
when more than one is offered

| Not Used | SAC15 | 352 | **Description** | **O** | **AN 1/80** |

A free-form description to clarify the related data elements and their
content

Segment:	**DTM** Date/Time Reference

Position:	150
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required.
	2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use this 1/DTM/150 segment to identify dates that apply to all of the line items. When the dates vary by line item, use the 2/DTM/200 segment.*
	2. This segment can be used to provide a delivery date when it is expressed as an actual date. If the delivery schedule is expressed as a set period after the occurrence of some event, use the 1/LDT/160 segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M ID 3/3

Code specifying type of date or time, or both date and time

	002	Delivery Requested
		Use to indicate that delivery is being requested earlier than required by a basic award instrument.
	007	Effective
		Use with codes RD6 or RD8 in DTM06 to indicate the ordering period of an Agreement or an Indefinite Delivery Contract (IDC) award instrument. Specify the date range in DTM07.
	017	Estimated Delivery
	063	Do Not Deliver After
		Use to indicate that deliveries cannot be made after a specified date and/or time.
	064	Do Not Deliver Before
		Use to indicate that deliveries cannot be made before a specified date and/or time.
	077	Requested for Delivery (Week of)
		When this code is used, cite the beginning day of the week.
	099	Bid Open (Date Bids Will Be Opened)
		Use to indicate the bid opening date and time.
	106	Required By

		Use to indicate delivery is required exactly on the date specified.
174	Month Ending	
		Use to indicate delivery is required within the specified month. In DTM02, identify the month and cite the last calendar day of the month.
193	Period Start	
		Use to indicate the start of a period of performance or lease.
194	Period End	
		Use to indicate the end of a period of performance or lease.
368	Submittal	
		Date an item was submitted to a customer
		When REF01 is Code TN, use to indicate the date of a related transaction set.
375	Delivery Start	
		The date that deliveries will begin
		Use to indicate the start date/time for deliveries when the total quantity is to be delivered during a specified period.
376	Delivery End	
		The date that deliveries will end
		Use to indicate the end date/time when the total quantity is to be delivered during a specified period.
565	Date of Property Inspection	
		Use to indicate the date of a site or property inspection.
644	Meeting	
		Use to indicate the date and time for pre -solicitation or pre-proposal conference.
937	Department of Labor Wage Determination Date	
		Use to indicate the date of a Department of Labor Wage Determination. If revisions or modifications are applicable to a Wage Determination, cite the date of the most recent revision or modification in DTM02.
996	Required Delivery	
		A date on which or before, ordered goods or services must be delivered
		Use to indicate delivery is required on or before the specified date.
997	Quote to be Recieved By	

A date on which or before a quote must be received at a location specified in an RFQ

Use to indicate the date and time for quote receipt.

DTM02	373	**Date**	**X**	**DT 6/6**

Date (YYMMDD)

DTM03	337	**Time**	**X**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Use to identify the time of bid opening, of bid receipt, a pre-solicitation/pre-proposal conference, or if applicable, the time for a delivery. Specify time only in the HHMM format.

DTM04	623	**Time Code**	**O**	**ID 2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

CT	Central Time
ET	Eastern Time
GM	Greenwich Mean Time
LT	Local Time

When DTM01 is Code 099, use to indicate the bid opening time specified in DTM03 is the local time at the bid opening location.

MT	Mountain Time
PT	Pacific Time

DTM05	624	**Century**	**O**	**N0 2/2**

The first two characters in the designation of the year (CCYY)

DTM06	1250	**Date Time Period Format Qualifier**	**X**	**ID 2/3**

Code indicating the date format, time format, or date and time format

1. Use any code.

2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format.

3. Use also to qualify a range of dates or times. Use of code RD6 or RD8 is preferred for expressing a date range.

Refer to 003050 Data Element Dictionary for acceptable code values.

DTM07	1251	**Date Time Period**	**X**	**AN 1/35**

Expression of a date, a time, or range of dates, times or dates and times

When used to identify a time range for deliveries on a specified date, use code RTM in DTM06 to qualify a delivery time range, e.g., for March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.

Segment:	**LDT** Lead Time			
Position:	160			
Loop:				
Level:	Heading			
Usage:	Optional			
Max Use:	12			
Purpose:	To specify lead time for availability of products and services			
Syntax Notes:				
Semantic Notes:	1 LDT04 is the effective date of lead time information.			
Comments:	1 LDT02 is the quantity of unit of time periods.			
Notes:	*1. Use this segment to identify time periods that quotes must remain valid for acceptance.*			
	2. This 1/LDT/160 segment can be also used to identify a delivery schedule that applies to all of the line items when there will be only one delivery of the total quantity. If the delivery schedule varies by line item or more than one delivery will be required for the total quantity, use the 2/LDT/302 loop. If the line item delivery schedule varies by ship-to addressee, use the 2/LDT/470 loop.			
	3. Use this segment when the delivery schedule is expressed as a set time period after the occurrence of some event. The previous DTM segment is used when the delivery date is an actual date.			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LDT01	345	**Lead Time Code**	M ID 2/2

Code indicating the time range

AD	From date of sample approval to first product shipment
AI	From Date of a Specified Event to Delivery
	Use to indicate that the consignee or other contact must be notified within the time period cited to schedule a shipment.
AT	From Bid Opening to Expiration of Bid
	Use to specify the time period for which the submitted quote must remain valid with the bid opening date as the basis.
AU	From Required-By Date to Expiration Date
	Use to specify the time period the submitted quote must remain valid with the bid due date as the basis.
AV	From Date of Award to Date of Latest Delivery
AW	From Date of Award to Date of Earliest Delivery
AX	From Date of Award to Date of Completion

			Use to indicate the required completion date, e.g., for a level of effort.	
		AY	From Date of Award to Date of Delivery	
		AZ	From Date of Receipt of Item to Date of Approval of Item	
Must Use	**LDT02**	**380**	**Quantity**	**M R 1/15**
			Numeric value of quantity	
Must Use	**LDT03**	**344**	**Unit of Time Period or Interval**	**M ID 2/2**
			Code indicating the time period or interval	
		CY	Calendar Year	
		DA	Calendar Days	
		KK	Maximum Calendar Days	
			Use to indicate a flexible time period, e.g., X number of days or less.	
		MO	Month	
		QY	Quarter of a Year	
		SA	Semiannual	
		WK	Weeks	
	LDT04	**373**	**Date**	**O DT 6/6**
			Date (YYMMDD)	
			Use to cite a date relevant to the lead time code. For example, the start date of the cited activity.	

Segment:	**PID** Product/Item Description		
Position:	190		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	200		
Purpose:	To describe a product or process in coded or free-form format		
Syntax Notes:	1	If PID04 is present, then PID03 is required.	
	2	At least one of PID04 or PID05 is required.	
	3	If PID07 is present, then PID03 is required.	
	4	If PID08 is present, then PID03 is required.	
Semantic Notes:	1	Use PID03 to indicate the organization that publishes the code list being referred to.	
	2	PID04 should be used for industry-specific product description codes.	
	3	PID08 describes the physical characteristics of the product identified in PID04. A ``Y'' indicates that the specified attribute applies to this item. A ``N'' indicates it does not apply. Any other value is indeterminate.	
Comments:	1	If PID01 = ``F'', then PID05 is used. If PID01 = ``S'', then PID04 is used. If PID01 = ``X'', then both PID04 and PID05 are used.	
	2	Use PID06 when necessary to refer to the product surface or layer being described in the segment.	
	3	PID07 specifies the individual code list of the agency specified in PID03.	

Notes: *1. Use this 1/PID/190 segment to provide an overall description of the solicitation that applies to all of the line items. When the descriptions vary by line item, transmit a general description in this segment, e.g., parts for the F/A-18, and use the 2/PID/050 segment to provide a description of an individual line item.*

2. Use is discouraged. Whenever possible, items should be described by successive iterations of 235/234 pairs in the 2/PO1/010 segment or by a reference number. Use codified data whenever possible.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PID01	349	**Item Description Type**	M ID 1/1

Code indicating the format of a description

F		Free-form
S		Structured (From Industry Code List)
X		Semi-structured (Code and Text)

	PID02	750	**Product/Process Characteristic Code**	O ID 2/3

Code identifying the general class of a product or process characteristic

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

	PID03	559	**Agency Qualifier Code**	X ID 2/2

Code identifying the agency assigning the code values

Use any code other than code ZZ.

Refer to 003050 Data Element Dictionary for acceptable code values.

	PID04	**751**	**Product Description Code**	**X**	**AN 1/12**

A code from an industry code list which provides specific data about a product characteristic

	PID05	**352**	**Description**	**X**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Not Used	**PID06**	**752**	**Surface/Layer/Position Code**	**O**	**ID 2/2**

Code indicating the product surface, layer or position that is being described

Not Used	**PID07**	**822**	**Source Subqualifier**	**O**	**AN 1/15**

A reference that indicates the table or text maintained by the Source Qualifier

Not Used	**PID08**	**1073**	**Yes/No Condition or Response Code**	**O**	**ID 1/1**

Code indicating a Yes or No condition or response

Segment:	**MEA** Measurements	
Position:	200	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	40	
Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)	

Syntax Notes:	1	At least one of MEA03 MEA05 MEA06 or MEA08 is required.
	2	If MEA05 is present, then MEA04 is required.
	3	If MEA06 is present, then MEA04 is required.
	4	If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
	5	Only one of MEA08 or MEA03 may be present.
Semantic Notes:	1	MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.
Comments:	1	When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes: *1. Use this 1/MEA/200 segment to provide information that applies to all of the line items. If information varies by line item, use the 2/MEA/049 segment.*

2. This segment can be used to provide any measurements applicable to the solicitation including: the percents or rank order for the evaluation factors that will be used for this procurement; the maximum size standards for the Standard Industrial Classification (SIC) Code applicable to this procurement; the length of a required warranty; the variations in quantity permitted; and for a requirements or an indefinite quantity type instrument, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, the minimum and maximum obligations of the government and the contractor.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
MEA01	737	**Measurement Reference ID Code**	O ID 2/2

Code identifying the broad category to which a measurement applies

Use any code.

BT   Batch Limits
When BQT06 is code KI, KQ, or KR, use to indicate the minimum and maximum limits of the government's obligation to order either in terms of dollars or quantity under a requirements or an indefinite quantity type award instrument. When BQT06 is code KT or RL, use to indicate the minimum and maximum limits of the government's obligation to order either in terms of dollars or quantity under the specific Task Order or Delivery Order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

CS   Core Size
When REF01 is Code IJ, use to indicate the size standard for the cited SIC code.

CT   Counts
Use to indicate variations in quantity permitted when it is expressed as a discrete quantity. Specify the quantity under and/or over in MEA05/06.

DE   Defects
Use to indicate a warranty period.

EF   Evaluation Factors
Use to indicate the evaluation factors used for this procurement.

LT   Lot Limits
Use to indicate the minimum and maximum limits of the contractor's obligation either in terms of dollars or quantity to deliver under a requirements or an indefinite quantity type award instrument. Do not use for a purchase order or a delivery order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

OL   Order Limits
Use to indicate the maximum the government may order from a requirements or an indefinite quantity type award instrument in a specified time period. Do not use for a purchase order or a delivery order. Use MEA03 to identify the quantity, MEA04-C00101 to identify the unit of measure, and MEA04-C00104 to identify the time period.

PM   Permitted
Use to indicate the minimum and maximum quantity or dollars permitted per order against a requirements or an indefinite quantity type award instrument. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

Refer to 003050 Data Element Dictionary for acceptable code values.

MEA02	**738**	**Measurement Qualifier**	**O**	**ID 1/3**

Code identifying a specific product or process characteristic to which a measurement applies

Use any code other than code ZZZ.

COS   Cost
Use to indicate the evaluation factor to which the measurement value in MEA03 applies.

CSR   Cost Realism
*Use to indicate the evaluation factor to which the measurement value in
MEA03 applies.*

HK   Human Factors
*Use to indicate the evaluation factor to which the measurement value in
MEA03 applies.*

MM   Management
*Use to indicate the evaluation factor to which the measurement value in
MEA03 applies.*

MX   Maximum
**When MEA01 is code CS, use to indicate the maximum size standard
applicable to the SIC code specified in the REF segment. When MEA01
is code OL, use to indicate the maximum amount that can be ordered
in a specified time period.**

P1   Price
*Use to indicate the evaluation factor to which the measurement value in
MEA03 applies.*

PO   Percent of Order (-, +)
**Use to indicate the variation of quantity permitted when it is expressed
as a percent of the quantity ordered. Specify the percent under and/or
over in MEA05/06.**

PRE   Prior Experience
*Use to indicate the evaluation factor to which the measurement value in
MEA03 applies.*

PSP   Past Performance
*Use to indicate the evaluation factor to which the measurement value in
MEA03 applies.*

QL   Quality
*Use to indicate the evaluation factor to which the measurement value in
MEA03 applies.*

RY   Ratio
**When BQT08 is code CA, CB, CH, FB, FC, FF, or FG, use to indicate
the Government and contractor share ratio. Identify the Government
share in MEA05 and the contractor share in MEA06.**

SCH   Schedule
*Use to indicate the evaluation factor to which the measurement value in
MEA03 applies.*

T3   Technical
Use to indicate the evaluation factor to which the measurement value in
MEA03 applies.

TT   Time
Use to indicate the length of a warranty period. Specify the length of
time in MEA03 and the time period in MEA04-C00101

Refer to 003050 Data Element Dictionary for acceptable code values.

	MEA03	**739**	**Measurement Value**	**X**	**R 1/20**

The value of the measurement

	MEA04	**C001**	**Composite Unit of Measure**	**X**

To identify a composite unit of measure (See Figures Appendix for
examples of use)

1. This composite unit of measure can be used to indicate the
maximum that may be ordered during a specified period of time under
a requirements or an indefinite quantity type award instrument.

2. For example: If the maximum that can be ordered per quarter is
10,000 each, then MEA01 would cite code OL, MEA02 would cite code
MX, MEA03 would cite 10,000, MEA04-C00101 would cite code EA,
and MEA04- C00104 would cite code Q1.

Must Use	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M ID 2/2**

Code specifying the units in which a value is being expressed, or manner
in which a measurement has been taken

1. Use any code other than code ZZ.

2. When MEA01 is Code EF, each repetition of this MEA segment must
have the same code in MEA04-C00101, i.e., P1 or UN.

3. An application program conversion table may be required to convert
agency codes to ASC X12 codes.

IE   Person
When MEA01 is code CS, use to indicate the SIC size standard in terms
of number of employees.

P1   Percent
When MEA01 is Code EF, use to indicate the measurement value of the
evaluation factor is expressed as a percent.

R5   Thousands of Dollars
When MEA01 is code CS, use to indicate the SIC size standard in terms
of dollar amount of sales.

UN   Unit
Use to indicate the value cited in MEA03 is the rank order of the

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	C00102	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00103	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

	C00104	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	C00105	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00106	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00108	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00109	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00111	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00112	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00113	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00114	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00115	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

	MEA05	740	**Range Minimum**	X	R 1/20

The value specifying the minimum of the measurement range

1. When MEA01 is Code CT, or MEA02 is code PO, use to specify the variation in quantity under.

2. When MEA02 is RY, use to specify the proposed Government share.

3. When MEA01 is code BT, LT, or PM, use to specify the minimum amount or quantity.

4. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).

| | MEA06 | 741 | **Range Maximum** | X | R 1/20 |

The value specifying the maximum of the measurement range

1. When MEA01 is Code CT, or MEA02 is code PO, use to specify the variation in quantity over.

2. When MEA02 is RY, use to specify the proposed contractor share.

3. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity.

4. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).

| Not Used | MEA07 | 935 | **Measurement Significance Code** | O | ID 2/2 |

Code used to benchmark, qualify or further define a measurement value

| Not Used | MEA08 | 936 | **Measurement Attribute Code** | X | ID 2/2 |

Code used to express an attribute response when a numeric measurement value cannot be determined

| Not Used | MEA09 | 752 | **Surface/Layer/Position Code** | O | ID 2/2 |

Code indicating the product surface, layer or position that is being described

| Not Used | MEA10 | 1373 | **Measurement Method or Device** | O | ID 2/4 |

The method or device used to record the measurement

Segment:	**PWK** Paperwork		
Position:	210		
Loop:			
Level:	Heading		
Usage:	Optional		
Max Use:	25		
Purpose:	To identify the type and transmission of paperwork or supporting information		
Syntax Notes:	1	If either PWK05 or PWK06 is present, then the other is required.	
Semantic Notes:			
Comments:	1	PWK05 and PWK06 may be used to identify the addressee by a code number.	
	2	PWK07 may be used to indicate special information to be shown on the specified report.	
	3	PWK08 may be used to indicate action pertaining to a report.	

Notes:

1. Use this 1/PWK/210 segment when the paperwork information applies to all of the line items. Use the 2/PWK/070 segment if the information varies by line item.

2. Use this segment to identify paperwork required to be provided by the offeror in response to the solicitation, or paperwork that will be required under the resultant award instrument, or paperwork being provided as part of the solicitation and, if necessary, how that paperwork will be transmitted.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PWK01	755	**Report Type Code**	M ID 2/2

Code indicating the title or contents of a document, report or supporting item

Use to identify the type of paperwork that must be provided by the offeror or is being provided by the buying party.

22	Functional Plan	

Use to indicate a source selection or evaluation plan.

25	Purchase Plan	

Use to indicate a make or buy plan is required.

35	Subcontractor Plan
AE	Attachment

Use to indicate some additional document, e.g., list of government furnished property, applicable to the solicitation is being sent by means other than within the transaction set. Specify the nature of the document in PWK07.

C1	Cost Data Summary

Use to indicate non-certified cost and price data.

C5	Certified Cost and Price Data	
C6	Wage Determination	

Use to indicate a Department of Labor Wage Determination. When used, identify the Wage Determination number in the 1/REF/050 segment using code 2Y in REF01.

CP	Certificate of Compliance (Material Certification)

Use to indicate a Certificate of Conformance.

CX	Cost/Schedule Status Report (C/SSR)

Contract status report showing budget, performance, actual, cost variance, schedule variance, budget at complete, estimate at complete, and variance at complete at specified levels of the work breakdown structure

CY	Contract Funds Status Report (CFSR)

Status report for funds appropriation including commitments, actual cost, forecast of billings, and estimated termination costs

DW	Drawing(s)
F1	Cost Performance Report (CPR) Format 1

Detailed contract status report including current reporting month values at specified levels of the work breakdown structure

F2	Cost Performance Report (CPR) Format 2

Detailed contract status report at specified levels of the organization breakdown structure

F3	Cost Performance Report (CPR) Format 3

Contract baseline report that summarizes changes to the contract over a given reporting period with beginning and ending values

F4	Cost Performance Report (CPR) Format 4

Contract resource summary report that forecasts labor requirements for the remainder of a contract

F5	Cost Performance Report (CPR) Format 5

Contract summary or detail report explaining significant cost or schedule variances

IT	Certified Inspection and Test Results
MR	Material Inspection and Receiving Report
MS	Material Safety Data Sheet
PD	Proof of Delivery
PJ	Purchasing Specification

Specifications, generated by a customer, setting acceptance limits on the properties or performance of the product being purchased; purchasing

		specifications may additionally supply instructions for packaging, transportation, delivery, and payments

Use to indicate a Statement of Work (SOW).

	PM	Proof of Insurance
	PP	Proposal
	S9	Representation

A statement (report) by a prospective contractor that makes a representation about a specific condition

Use to indicate a payment and performance bond.

	SD	Support Data for a Request for Quote

Use to indicate that supporting technical documentation, e.g., engineering data list, bill of materials, etc., are being provided by the buying party.

	SF	Contract Security Classification Specification

Use to indicate that additional information relative to the Contract Security Classification Specification being transmitted in this transaction set will be provided.

	SN	Shipping Notice
	SP	Specification
	UA	Union Agreement
	US	"BUY AMERICA" Certification of Compliance

PWK02   756   Report Transmission Code   O   ID 1/2

Code defining timing, transmission method or format by which reports are to be sent

While any listed code can be used, code EL is preferred when the indicated paperwork can be provided electronically using one of the transaction sets specifically designed for the purpose.

	BE	By Mail and Electronically

Use to indicate E-Mail.

	BM	By Mail

Use to indicate transmittal via the United States Postal Service (USPS).

	CF	Courier

Use to indicate transmittal via commercial express courier.

	DA	Data

Use to indicate other forms of electronic transfer. When used, identify the other form in PWK07.

	EL	Electronically Only

1. Use to indicate that data has been or should be sent by a separate EDI transaction set.

| | | FX | By Fax |
| | | IA | Electronic Image |

| | | WS | With Shipment (With Package) |

PWK03   **757**   **Report Copies Needed**   **O   N0 1/2**

The number of copies of a report that should be sent to the addressee

PWK04   **98**   **Entity Identifier Code**   **O   ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

| | | 44 | Data Processing Service Bureau |

| | | 7N | Party to Receive Proposal |
| | | BY | Buying Party (Purchaser) |

| | | IS | Party to Receive Certified Inspection Report |

| | | KF | Audit Office |

   The office performing the audit

| | | KG | Project Manager |

   The address of the person responsible for the management of a designated project

| | | KY | Technical Office |

Not Used   **PWK05**   **66**   **Identification Code Qualifier**   **X   ID 1/2**

Code designating the system/method of code structure used for

Identification Code (67)

Not Used	PWK06	67	**Identification Code**	X	AN 2/20

Code identifying a party or other code

	PWK07	352	**Description**	O	AN 1/80

A free-form description to clarify the related data elements and their content

1. Use only if necessary to provide additional information or instructions applicable to a specific paperwork item.

2. When PWK01 is code S9, use to identify the lead time for submission of the payment and performance bond.

3. When PWK02 is code DA, use to identify the other form of electronic transfer.

4. When PWK02 is code IA, use to identify the URL.

5. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

	PWK08	C002	**Actions Indicated**	O	

Actions to be performed on the piece of paperwork identified

Must Use	C00201	704	**Paperwork/Report Action Code**	M	ID 1/2

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

    2   Report to be Filed

When PWK01 is Code CP, CX, CY, F1, F2, F3, F4, F5, IT, MR, PD, S9, or SN, use to indicate the specified paperwork will be required under the resultant award instrument.

    5   Generate

When PWK01 is Code 25, 35, C1, C5, C6, MS, PM, PP, UA, or US, use to indicate the specified paperwork must be provided in the response to this solicitation.

    PV   Provided

When PWK01 is Code 22, AE, DW, PJ, SD, SF, or SP, use to indicate the specified paperwork will be provided by the buying party.

Not Used	C00202	704	**Paperwork/Report Action Code**	O	ID 1/2

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Not Used	C00203	704	**Paperwork/Report Action Code**	O	ID 1/2

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

| Not Used | C00204 | 704 | **Paperwork/Report Action Code** | O | ID 1/2 |

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

| Not Used | C00205 | 704 | **Paperwork/Report Action Code** | O | ID 1/2 |

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Segment:	**PKG** Marking, Packaging, Loading
Position:	220
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	200
Purpose:	To describe marking, packaging, loading, and unloading requirements

Syntax Notes:	1	At least one of PKG04 PKG05 or PKG06 is required.
	2	If PKG04 is present, then PKG03 is required.
	3	If PKG05 is present, then PKG01 is required.

Semantic Notes:	1	PKG04 should be used for industry-specific packaging description codes.
Comments:	1	Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
	2	If PKG01 = ``F'', then PKG05 is used. If PKG01 = ``S'', then PKG04 is used. If PKG01 = ``X'', then both PKG04 and PKG05 are used.
	3	Use PKG03 to indicate the organization that publishes the code list being referred to.
	4	Special marking or tagging data can be given in PKG05 (description).

Notes: *1. Use this 1/PKG/220 segment to identify packaging requirements that apply to all of the line items. If the packaging requirements apply to all of the line items to be delivered to a named entity, use the 1/PKG/420 segment. If the packaging requirements vary by line item, use the 2/PKG/080 segment or the 2/PKG/450 segment if the packaging requirements are applicable to a named entity.*

2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube and dimensions of a unit container or an intermediate container, is carried in the 2/PO4/090 segment.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PKG01	349	**Item Description Type**	X ID 1/1

Code indicating the format of a description

	F	Free-form
	S	Structured (From Industry Code List)
	X	Semi-structured (Code and Text)

Ref. Des.	Data Element	Name	Attributes
PKG02	753	**Packaging Characteristic Code**	O ID 1/5

Code specifying the marking, packaging, loading and related characteristics being described

Use the listed codes to identify the applicable packaging requirements.

	CD	Cleaning or Drying Procedure
	CT	Cushioning Thickness
	CUD	Cushioning and Dunnage
	HM	Hazardous Material

	IC	Intermediate Container
	LP	Level Of Preservation
	OPI	Optional Procedure Indicator
	PK	Packing

> *When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas shipments via surface; the second position signifies Level B packing for Overseas shipments via a freight forwarder, Army Post Office (APO)/Fleet Post Office (FPO) or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per American Society for Testing and Materials (ASTM) D3951 is acceptable, cite MIL-STD 2073 -2C code X in PKG04.*

	PM	Preservation Method
	PML	Preservation Material
	SMK	Special Marking
	UC	Unit Container
	UCL	Unit Container Level
	WM	Wrapping Material

PKG03　　559　　**Agency Qualifier Code**　　　　　　　　　　　　　**X　ID 2/2**

Code identifying the agency assigning the code values

	DF	Department of Defense (DoD)
	GS	General Services Administration (GSA)
		Responsible for Federal Specification
	ZZ	Mutually Defined

> *Use to indicate a federal activity other than DoD or GSA.*

PKG04　　754　　**Packaging Description Code**　　　　　　　　　　　**X　AN 1/7**

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product

> *1. The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD 2073-2C).*
>
> *2. When the offeror is to select the appropriate requirement or method associated with a packaging characteristic code, insert "Y" or "YY" (dependent on the number of positions in the code).*
>
> *3. Insert "Z" or "ZZ" (dependent on the number of positions in the code) to indicate that supplementary or special requirements apply to a packaging characteristic which are not represented by a code listed in*

	PKG05	**352**	**Description**	**X**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Not Used	**PKG06**	**400**	**Unit Load Option Code**	**X**	**ID 2/2**

Code identifying loading or unloading a shipment

Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)	
Position:	240	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	12	
Purpose:	To specify the carrier and sequence of routing and provide transit time information	
Syntax Notes:	1	At least one of TD502 TD504 TD505 TD506 or TD512 is required.
	2	If TD502 is present, then TD503 is required.
	3	If TD507 is present, then TD508 is required.
	4	If TD510 is present, then TD511 is required.
Semantic Notes:		
Comments:	1	When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
Notes:	*Use this 1/TD5/240 segment to identify the transportation method that is applicable to all of the line items. If the transportation method applies to all of the line items to be delivered to a named entity, use the 1/TD5/390 segment. If the transportation method varies by line item, use the 2/TD5/250 segment or the 2/TD5/420 segment when the information is applicable to a named entity.*	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Not Used	TD501	133	**Routing Sequence Code**	O	ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement		
	TD502	66	**Identification Code Qualifier**	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			10 Department of Defense Activity Address Code (DODAAC)		
			When TD504 is code PL, use to indicate the DoDAAC of the pipeline.		
	TD503	67	**Identification Code**	X	AN 2/20
			Code identifying a party or other code		
	TD504	91	**Transportation Method/Type Code**	X	ID 1/2
			Code specifying the method or type of transportation for the shipment		
			1. Use any code other than code ZZ.		
			2. An application program conversion table may be required to convert agency codes to ASC X12 codes.		
			D Parcel Post		

> *Use to indicate the US Postal Service and not a private carrier.*

Refer to 003050 Data Element Dictionary for acceptable code values.

| Not Used | TD505 | 387 | **Routing** | X | **AN 1/35** |

Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

| Not Used | TD506 | 368 | **Shipment/Order Status Code** | X | **ID 2/2** |

Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction

| Not Used | TD507 | 309 | **Location Qualifier** | O | **ID 1/2** |

Code identifying type of location

| Not Used | TD508 | 310 | **Location Identifier** | X | **AN 1/30** |

Code which identifies a specific location

| Not Used | TD509 | 731 | **Transit Direction Code** | O | **ID 2/2** |

The point of origin and point of direction

| Not Used | TD510 | 732 | **Transit Time Direction Qualifier** | O | **ID 2/2** |

Code specifying the value of time used to measure the transit time

| Not Used | TD511 | 733 | **Transit Time** | X | **R 1/4** |

The numeric amount of transit time

| | TD512 | 284 | **Service Level Code** | X | **ID 2/2** |

Code defining service

> *Use any code other than code ZZ.*

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**TD4** Carrier Details (Special Handling or Hazardous Materials or Both)	
Position:	260	
Loop:		
Level:	Heading	
Usage:	Optional	
Max Use:	5	
Purpose:	To specify transportation special handling requirements, or hazardous materials information, or both	
Syntax Notes:	1 At least one of TD401 TD402 or TD404 is required.	
	2 If TD402 is present, then TD403 is required.	
Semantic Notes:		
Comments:		
Notes:	*Use this 1/TD4/260 segment to provide special handling or hazardous material information when it applies to all of the line items. Use the 1/TD4/410 segment when the special handling or hazardous material information applies to all of the line items applicable to a named entity. If this information varies by line item, use the 2/TD4/270 segment or the 2/TD4/440 segment if the information is applicable to a named entity.*	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
TD401	152	Special Handling Code	X ID 2/3

Code specifying special transportation handling instructions

Any code, other than code ZZZ, may be used but the listed codes are preferred.

AMM   A.M. Delivery Requirement
DA   Dangerous
EP   Expedite
EX   Explosive Flammable Gas
FG   Flammable Gas
FL   Flammable
FP   Flammable Poison Gas
HM   Endorsed as Hazardous Material
LT   Less Than Full Carload
LTT   Less Than Truckload
NC   Notify Consignee Before Delivery
PG   Poisonous Gas
PMM   P.M. Delivery Requirement

Refer to 003050 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes
TD402	208	Hazardous Material Code Qualifier	X ID 1/1

Code which qualifies the Hazardous Material Class Code (209)

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

| **TD403** | **209** | **Hazardous Material Class Code** | **X** | **AN 2/4** |

Code specifying the kind of hazard for a material

| **TD404** | **352** | **Description** | **X** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**MAN** Marks and Numbers
Position:	270
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To indicate identifying marks and numbers for shipping containers

Syntax Notes:	1	If either MAN04 or MAN05 is present, then the other is required.
	2	If MAN06 is present, then MAN05 is required.

Semantic Notes:	1	MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
	2	When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
	3	When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

Comments:	1	When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shippping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
	2	MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

Notes:

1. Use this 1/MAN/270 segment when the marks and numbers apply to all of the line items. If the information varies by line item, use the 2/MAN/280 segment.

2. Use to identify such data as MILSTRIP/FEDSTRIP number, transportation control number, project priority number, and consignee related codes.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	MAN01	88	**Marks and Numbers Qualifier**	M	ID 1/2
			Code specifying the application or source of Marks and Numbers (87)		
			S Entire Shipment		
Must Use	MAN02	87	**Marks and Numbers**	M	AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN03	87	**Marks and Numbers**	O	AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN04	88	**Marks and Numbers Qualifier**	X	ID 1/2
			Code specifying the application or source of Marks and Numbers (87)		
			S Entire Shipment		
	MAN05	87	**Marks and Numbers**	X	AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN06	87	**Marks and Numbers**	O	AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment		

Segment:	**RRA** Required Response			
Position:	280			
Loop:				
Level:	Heading			
Usage:	Optional			
Max Use:	100			
Purpose:	To indicate information that is required to be included in the response			
Syntax Notes:				
Semantic Notes:	1 Use RRA02 only to specify applicable regulatory or contractual clause.			
Comments:				

Notes: *Use this 1/RRA/280 segment to indicate to prospective offerors that specific information must be provided with their proposal, e.g., a certification, a representation or other information, that applies to all of the line items. If the information varies by line item, use the 2/RRA/290 segment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**RRA01**	**701**	**Information Type**	**M ID 2/2**

Code specifying the information required in the response

    14   As Indicated by the Cited Reference

Use to indicate the reference number that requires an offeror to provide a certification, representation or other information. This reference number will be a clause number or some unique reference number previously provided to offerors.

	Ref. Des.	Data Element	Name	Attributes
	RRA02	**127**	**Reference Number**	**O AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Segment:	**N9** Reference Number		
Position:	290		
Loop:	N9 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	1		
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier		
Syntax Notes:	1 At least one of N902 or N903 is required.		
	2 If N906 is present, then N905 is required.		
Semantic Notes:	1 N906 reflects the time zone which the time reflects.		
Comments:			
Notes:	*1. Use this 1/N9/290 loop to identify various clauses (e.g., Federal Acquisition Regulation (FAR), Defense Federal Acquisition Regulation Supplement (DFARS), General Services Acquisition Regulation Supplement (GSARS), Department of Veterans Affairs Acquisition Regulation Supplement (VAARS) , Agency, or other clauses), Office of Management and Budget (OMB) Circular, special instructions or other references which are applicable to the entire solicitation. If the information varies by line item, use the 2/N9/320 loop.*		
	2. When an Alternate section is applicable to a cited clause, the alpha/numeric Alternate identifier and the date MUST be cited in the following MSG segment.		
	3. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may optionally be cited in the following MSG segment.		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N901	128	**Reference Number Qualifier**	M ID 2/2

Code qualifying the Reference Number.

5N	Citation of Statute	
	Use to indicate the legislative authorization under which the resulting instrument, e.g., a grant, will be awarded. Cite the legislative program title in N903.	
73	Statement of Work (SOW)	
	Description of a product or service to be procured under a contract; statement of requirements	
AU	Authorization to Meet Competition No.	
	Use to indicate the FAR part 6 authority for using other than full and open competition.	
BB	Authorization Number	
	Proves that permission was obtained to provide a service	

	Use to indicate the Code of Federal Regulations.
CJ	Clause Number
	Use to indicate a purchasing activity clause (i.e., a clause not found in FAR, DFARS, etc.). Identify the purchasing activity issuing the clause in N903.
DF	Defense Federal Acquisition Regulations (DFAR)
DX	Department/Agency Number
	Use to indicate an Agency clause and identify the agency in N903.
EC	Circular
	Use to indicate an Office of Management and Budget (OMB) circular number.
FA	Federal Acquisition Regulations (FAR)
GS	General Services Administration Regulations (GSAR)
K7	Paragraph Number
	Use to indicate information for an offeror. Cite an applicable number in N902 and provide the information in the following MSG segment. The numbering system can be based on the uniform contract format, e.g., H-1 for special requirements or any other numbering system the originator desires.
KD	Special Instructions Number
	Use to indicate a special instruction. Indicate the agency, command or purchasing activity issuing the special instruction in N903. If this special instruction number is not included in previously provided terms and conditions, provide the full text in the following MSG segment.
KT	Request for Quotation Reference
	A discrete number assigned for identification purposes to a request for quotation
	Use to indicate another type of reference number applicable to the solicitation. This number is not the solicitation number (which is carried in BQT02). This code can be used as a means to provide clear text information, i.e., Notice to Bidders, in the following MSG segment. Another example of the use of this code can be to provide the reason for the cancellation of the solicitation.
KY	Site Specific Procedures, Terms, and Conditions
	A set of procedures, terms, and conditions, applicable to a category of procurement emanating from a specific location, which will be incorporated

into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents

KZ   Master Solicitation Procedures, Terms, and Conditions

A set of standard procedures, terms, and conditions, applicable to a category of procurement, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents

Use to indicate the Master Solicitation number that contains terms and conditions applicable to this solicitation.

VB   Department of Veterans Affairs Acquisition Regulations (VAAR)

ZZ   Mutually Defined

Use to indicate any other reference that cannot use a specific qualifier code. Indicate the source of the reference in N903 and use the following MSG segment, if necessary, to pass text.

	N902	**127**	**Reference Number**		**X**	**AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	N903	**369**	**Free-form Description**		**X**	**AN 1/45**

Free-form descriptive text

1. When N901 is code CJ or DX, use to identify the agency or purchasing activity issuing the clause cited in N902.

2. When N901 is code ZZ, use to identify the source of the reference and use the following MSG segment for text, if necessary.

3. Use of free-form text is discouraged if the information can be provided by some other means within the transaction set.

	N904	**373**	**Date**		**O**	**DT 6/6**

Date (YYMMDD)

Use to identify the date of the clause cited in N902. The DD portion of the date will always be 01.

Not Used	**N905**	**337**	**Time**		**X**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	**N906**	**623**	**Time Code**		**O**	**ID 2/2**

Code identifying the time. In accordance with International Standards

Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Segment: **MSG** Message Text

Position: 300
Loop: N9   Optional
Level: Heading
Usage: Optional
Max Use: 1000
Purpose: To provide a free form format that would allow the transmission of text information.
Syntax Notes:
Semantic Notes:
Comments: **1**   MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Notes: *1. Use this segment to carry the title or full text of any clause, a special instruction, or other information associated with the number cited in N902.*

2. This segment is also used to carry clause fill-in information that is not provided elsewhere within the transaction set. Use of clause titles when providing fill-in information is recommended.

3. When providing fill-in information, the following format is recommended:

a) In the first iteration of the segment, cite the clause title, and the clause Alternate identifier if applicable, followed by a pipe sign to indicate the end of the title information, then cite the number of fill-ins followed by a second pipe sign to indicate the end of the title segment.

b) For each fill-in, begin a new MSG segment using the sequence in which the fill-ins appear within the clause. These MSG segments may each begin with a number indicating the fill-in's sequence position. End each fill-in with a pipe sign. If multiple iterations of MSG are required for a long fill-in, end only the last MSG segment of that fill-in with the pipe sign.

4. The purpose of the pipe sign (|) is to provide an indication to receiving applications that the data string related to a single entry has been completed.

An example of a clause with 3 fill-ins follows:

MSG*Commencement, Prosecution, and Completion of Work Alternate I (Apr 1984)|3|
MSG*1. 30|
MSG*2. 30 Sep 1995|
MSG*3. 15 Jan 1995|

5. An example alternative format provides all fill-in information within the title MSG segment as follows:

MSG*Commencement, Prosecution, and Completion of Work Alternate I (Apr 1984)|3|30|Sep 30, 1995|Jan 15, 1995|

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**MSG01**	**933**	**Free-Form Message Text**	**M**	**AN 1/264**
			Free-form message text		
Not Used	**MSG02**	**934**	**Printer Carriage Control Code**	**O**	**ID 2/2**
			A field to be used for the control of the line feed of the receiving printer		

Segment: # N1 Name

Position:	310
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	**1** At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	**1** This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.
Notes:	*1. Use this 1/N1/310 loop to identify organizations or locations that apply to all line items. If the information varies by line item, use the 2/N1/340 loop.*
	2. Whenever possible, identification and address information should be provided using code values contained in a combination of N101, N103, and N104. Use N102 and segments N2 through N4, as applicable, when address information cannot be provided using one of the codes listed in N103.
	3. There must be at least 1 iteration of this N1 segment using code BY in N101.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	M ID 2/2

Code identifying an organizational entity, a physical location, or an individual

31	Postal Mailing Address

Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another code can be used to pass this address. When used, cite the name of the party in N102 and the N2 segment, if necessary.

44	Data Processing Service Bureau

Use to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.

7G	Hazardous Material Office

Use to indicate the installation Hazardous Material or Safety Office serving the ship-to location.

7M	Inspection and Acceptance Location

7N   Party to Receive Proposal

BY   Buying Party (Purchaser)

Use to indicate the soliciting activity.

CY   Country

Use to indicate the country to which a Foreign Military Sale applies. Cite "FMS" in N102 and cite the applicable two position ISO 3166 country code in N404.

DZ   Delivery Zone

Area where the product was delivered

1. Use to indicate an area to which deliveries are expected to be made under a requirements or an indefinite delivery type award instrument. Specify the zone in N104 (e.g., 10, 11, 12, etc.) using code ZN in N103 and identify the states or countries that comprise the zone in N402 or N404. The zone number will be cited in CTP10 when soliciting a price for delivery to this zone.

2. If the FOB point varies by delivery zone or by locations within a delivery zone, identify the FOB point in the 1/N4/340 segment.

EL   Established Location

Use to indicate the location where existing site conditions or existing equipment conditions can be inspected by the offeror prior to submission of an offer for services or an offer for purchase of disposal property.

IC   Intermediate Consignee

When FOB02 is code IT, use to indicate a freight forwarder.

IS   Party to Receive Certified Inspection Report

KF   Audit Office

The office performing the audit

KG   Project Manager

The address of the person responsible for the management of a designated project

Use to indicate the government party responsible for a project to include the advisor under a Grant.

KW   Bid Opening Location

Use to indicate the location of a public opening, if

applicable, when the address is different than the address of the soliciting activity.

KX   Free on Board Point

Use to indicate the FOB point when it has to be described by a specific address rather than as a code value indicating either origin or destination. Applicable when FOB02 is code KE, KL or ZZ.

KY   Technical Office

Use to indicate the technical office that has cognizance over the technical portion of the order, if different than the office originating the order. Do not use unless it is intended for the contractor to deal directly with the cited party.

KZ   Acceptance Location

Use when the acceptance point is other than at origin or destination.

L1   Inspection Location

Place where the item was viewed or inspected

Use to indicate the inspection location when it has to be described as an address.

MU   Meeting Location

1. When BQT01 is code 24, use to indicate the location of a pre-solicitation conference.

2. When BQT01 is code 00, 02, 04, 05, 07, or 18, use to indicate the location of a pre-proposal conference.

PW   Pick Up Address

Use to indicate the location where government property is to be picked up for repair or other disposition.

R6   Requester

Use to indicate the requesting agency/activity.

ST   Ship To

Use to indicate the address to which an item must be shipped. If the address is an FPO or APO, cite FPO or APO in N102, cite the zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N406.

SV   Service Performance Site

When services are contracted for, this describes the organization for whom or location address at which those services will be performed

Use to indicate the location where a service, e.g., grass cutting, is to be performed.

	TQ	Third Party Reviewing Organization (TPO)

Use to indicate the office for receipt of foreign disclosure sensitive information per DoD Directive 5230.25.

	TS	Party to Receive Certified Test Results

When CSH01 is Code QP, use to indicate the party to whom an offeror should submit the certified test results which demonstrate that he or his quoted product meets the established standards for qualification.

	X2	Party to Perform Packaging

A party responsible for packaging an item after it has been produced

	XP	Party to Receive Solicitation
	Z7	Mark-for Party

The party for whom the needed material is intended

N102	**93**	**Name**	**X**	**AN 1/35**

Free-form name

N103	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

While the federal Electronic Data Interchange (EDI) program uses the Data Universal Numbering System (DUNS) number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.

	1	D-U-N-S Number, Dun & Bradstreet

Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.

	9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix

Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.

	10	Department of Defense Activity Address Code (DODAAC)

Use to indicate either a Department of Defense or Civilian Agency Activity Address Code.

	16	ZIP Code

When N101 is Code ST, use to indicate a general shipping area for quoting purposes.

	33	Commercial and Government Entity (CAGE)

| | | | A2 | | Military Assistance Program Address Code (MAPAC) | | |

Contained in the Military Assistance Program
Address Directory (MAPAD); represents the
location of an entity

ZN   Zone

*When N101 is Code DZ, use to indicate a delivery
zone.*

	N104	**67**	**Identification Code**	**X**	**AN 2/20**

Code identifying a party or other code

When N103 is code ZN, cite one of the following:

a. A delivery zone designation, e.g., 01, 10, 1a, etc.
*b. The word "CONUS" to specify all points within the continental
United States that are not otherwise identified within a zone.*
*c. The word "WORLD" to specify all points outside the continental
United States that are not otherwise identified within a zone.*

Not Used	**N105**	**706**	**Entity Relationship Code**	**O**	**ID 2/2**

Code describing entity relationship

Not Used	**N106**	**98**	**Entity Identifier Code**	**O**	**ID 2/2**

Code identifying an organizational entity, a physical location, or an
individual

Segment:		**N2** **Additional Name Information**			

Segment: **N2** Additional Name Information

Position: 320

Loop: N1 Optional

Level: Heading

Usage: Optional

Max Use: 2

Purpose: To specify additional names or those longer than 35 characters in length

Syntax Notes:

Semantic Notes:

Comments:

Notes: *This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N201	93	**Name**	**M AN 1/35**
			Free-form name	
	N202	93	**Name**	**O AN 1/35**
			Free-form name	

Segment: # N3 **Address Information**

Position:	330
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	2
Purpose:	To specify the location of the named party
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N301	166	**Address Information**	M AN 1/35
			Address information	
	N302	166	**Address Information**	O AN 1/35
			Address information	

Segment:	**N4** Geographic Location
Position:	340
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the USA or Canada.
Notes:	*1. This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*
	2. When N101 is code DZ and N104 does not cite the words "CONUS" or "WORLD", this segment may be used to identify locations within a delivery zone and the FOB point if it varies by delivery zone or locations within a delivery zone.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
N401	19	City Name	O	AN 2/30
		Free-form text for city name		
N402	156	State or Province Code	O	ID 2/2
		Code (Standard State/Province) as defined by appropriate government agency		
N403	116	Postal Code	O	ID 3/11
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	26	Country Code	O	ID 2/3
		Code identifying the country		
		Cite the two position ISO 3166 country code.		
N405	309	Location Qualifier	X	ID 1/2
		Code identifying type of location		
		1. When N101 is code DZ and the 1/FOB/080 segment is not used to identify the FOB point, use to specify the FOB point for a delivery zone or for a location within a zone.		
		2. When N101 is code ST, use to specify an APO or FPO location, if applicable.		
	AR	Armed Services Location Designation		
		Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO).		

	DE	Destination (Shipping)		
	OR	Origin (Shipping Point)		
	ZZ	Mutually Defined		

Use to indicate an FOB point other than origin or destination. Identify the FOB point in N406.

N406 **310** **Location Identifier** **O** **AN 1/30**

Code which identifies a specific location

1. When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).

2. When N405 is code ZZ, use to identify the location of the other FOB point. Cite the 5 position United Nations code for ports and other locations (UN/LOCODE) in accordance with the United Nations Location Code Manual.

	Segment:	**PER** Administrative Communications Contact

Position:	360
Loop:	N1　　Optional
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	1　If either PER03 or PER04 is present, then the other is required.
	2　If either PER05 or PER06 is present, then the other is required.
	3　If either PER07 or PER08 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	*Use this segment to provide communications contacts associated with the entities cited in the same N1 loop.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PER01	366	**Contact Function Code**	**M　ID 2/2**

Code identifying the major duty or responsibility of the person or group named

Use to identify the various individuals who can be contacted regarding specific areas of this solicitation.

AT	Material Safety Data Sheet Contact	
	Use in conjunction with 1/N1/310, N101 code 44.	
AV	Advisor	
	Use in conjunction with 1/N1/310, N101 code KG to indicate the government party who will work with the eventual contractor on basic R&D efforts in a particular science area.	
BD	Buyer Name or Department	
	1. Includes Grant Management Specialists.	
	2. Use in conjunction with 1/N1/310, N101 code BY.	
HM	Hazardous Material Contact	
	Use in conjunction with 1/N1/310, N101 code 7G.	
IC	Information Contact	
	When no other qualifier code is applicable, use to indicate a general information point of contact at the location cited in N101.	
PC	Purchasing Contracting Officer (PCO)	
	Person to whom a warrant has been issued	

			authorizing that person to obligate funds on behalf of the government		

> *1. Includes Grants/Contract Project Officer.*
>
> *2. Use in conjunction with 1/N1/310, N101 code BY.*

| | | PP | Program Manager | | |

> *1. Includes Grants Project Officer.*
>
> *2. Use in conjunction with 1/N1/310, N101 code KG.*

PER02	**93**	**Name**		**O**	**AN 1/35**

Free-form name

> *Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be used to cite the party's title.*

PER03	**365**	**Communication Number Qualifier**		**X**	**ID 2/2**

Code identifying the type of communication number

		AU	Defense Switched Network		

Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)

		EM	Electronic Mail		
		FX	Facsimile		
		IT	International Telephone		

> *Include the country code.*

		TE	Telephone		

> *Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.*

PER04	**364**	**Communication Number**		**X**	**AN 1/80**

Complete communications number including country or area code when applicable

> *All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.*

PER05	**365**	**Communication Number Qualifier**		**X**	**ID 2/2**

Code identifying the type of communication number

> *Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.*

		AU	Defense Switched Network		

Department of Defense telecommunications system

			and successor of the Automatic Voice Network (AUTOVON)
	EM	Electronic Mail
	EX	Telephone Extension
		Use only if PER03 is used citing code AU or TE.
	FX	Facsimile
	IT	International Telephone
		Include the country code.
	TE	Telephone
		Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER06   **364**   **Communication Number**   **X**   **AN 1/80**

Complete communications number including country or area code when applicable

All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.

PER07   **365**   **Communication Number Qualifier**   **X**   **ID 2/2**

Code identifying the type of communication number

Use to identify a third communications number for the party cited in PER02.

AU	Defense Switched Network
	Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)
EM	Electronic Mail
EX	Telephone Extension
	Use only if PER05 is used citing either code AU or TE.
FX	Facsimile
IT	International Telephone
	Include the country code.
TE	Telephone
	Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER08   **364**   **Communication Number**   **X**   **AN 1/80**

Complete communications number including country or area code when applicable

All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.

PER09   **443**   **Contact Inquiry Reference**   **O**   **AN 1/20**

Additional reference number or description to clarify a contact number

Use, if necessary, to provide the title of the party cited in PER02.

Segment:		**TD5** Carrier Details (Routing Sequence/Transit Time)		

Segment: TD5 Carrier Details (Routing Sequence/Transit Time)

Position: 390
Loop: N1   Optional
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:
1   At least one of TD502 TD504 TD505 TD506 or TD512 is required.
2   If TD502 is present, then TD503 is required.
3   If TD507 is present, then TD508 is required.
4   If TD510 is present, then TD511 is required.
Semantic Notes:
Comments:
1   When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
Notes: *Use this 1/TD5/390 segment when the transportation method is the same for all the items being shipped to a named entity. If the transportation method varies by line item, use the 2/TD5/250 segment or the 2/TD4/440 segment when the information is applicable to a named entity.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Not Used	TD501	133	**Routing Sequence Code**	**O**	**ID 1/2**
			Code describing the relationship of a carrier to a specific shipment movement		
	TD502	66	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
		10	Department of Defense Activity Address Code (DODAAC)		
			When TD504 is code PL, use to indicate the DoDAAC of the pipeline.		
	TD503	67	**Identification Code**	**X**	**AN 2/20**
			Code identifying a party or other code		
	TD504	91	**Transportation Method/Type Code**	**X**	**ID 1/2**
			Code specifying the method or type of transportation for the shipment		

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

D   Parcel Post
Use to indicate the US Postal Service and not a private carrier.

Refer to 003050 Data Element Dictionary for acceptable code values.

| Not Used | TD505 | 387 | **Routing** | **X** | **AN 1/35** |

Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

| Not Used | TD506 | 368 | **Shipment/Order Status Code** | **X** | **ID 2/2** |

Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction

| Not Used | TD507 | 309 | **Location Qualifier** | **O** | **ID 1/2** |

Code identifying type of location

| Not Used | TD508 | 310 | **Location Identifier** | **X** | **AN 1/30** |

Code which identifies a specific location

| Not Used | TD509 | 731 | **Transit Direction Code** | **O** | **ID 2/2** |

The point of origin and point of direction

| Not Used | TD510 | 732 | **Transit Time Direction Qualifier** | **O** | **ID 2/2** |

Code specifying the value of time used to measure the transit time

| Not Used | TD511 | 733 | **Transit Time** | **X** | **R 1/4** |

The numeric amount of transit time

| | TD512 | 284 | **Service Level Code** | **X** | **ID 2/2** |

Code defining service

Use any code other than code ZZ.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**TD4** Carrier Details (Special Handling or Hazardous Materials or Both)

Position:	410
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	5
Purpose:	To specify transportation special handling requirements, or hazardous materials information, or both
Syntax Notes:	1 At least one of TD401 TD402 or TD404 is required.
	2 If TD402 is present, then TD403 is required.
Semantic Notes:	
Comments:	
Notes:	*Use this 1/TD4/410 segment to identify special handling or hazardous material information that is the same for all of the line items applicable to a named entity. If this information varies by line item, use the 2/TD4/270 segment or the 2/TD4/440 segment if the information is applicable to a named entity.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
TD401	152	**Special Handling Code**	X ID 2/3

Code specifying special transportation handling instructions

Any code, other than code ZZZ, may be used but the listed codes are preferred.

AMM A.M. Delivery Requirement
DA Dangerous
EP Expedite
EX Explosive Flammable Gas
FG Flammable Gas
FL Flammable
FP Flammable Poison Gas
HM Endorsed as Hazardous Material
LT Less Than Full Carload
LTT Less Than Truckload
NC Notify Consignee Before Delivery
PG Poisonous Gas
PMM P.M. Delivery Requirement

Refer to 003050 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes
TD402	208	**Hazardous Material Code Qualifier**	X ID 1/1

Code which qualifies the Hazardous Material Class Code (209)

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

Ref. Des.	Data Element	Name	Attributes
TD403	209	**Hazardous Material Class Code**	X AN 2/4

Code specifying the kind of hazard for a material

TD404   **352**   **Description**   **X**   **AN 1/80**

A free-form description to clarify the related data elements and their content

Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**PKG** Marking, Packaging, Loading		
Position:	420		
Loop:	N1 Optional		
Level:	Heading		
Usage:	Optional		
Max Use:	200		
Purpose:	To describe marking, packaging, loading, and unloading requirements		

Syntax Notes:	1	At least one of PKG04 PKG05 or PKG06 is required.
	2	If PKG04 is present, then PKG03 is required.
	3	If PKG05 is present, then PKG01 is required.
Semantic Notes:	1	PKG04 should be used for industry-specific packaging description codes.
Comments:	1	Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
	2	If PKG01 = ``F'', then PKG05 is used. If PKG01 = ``S'', then PKG04 is used. If PKG01 = ``X'', then both PKG04 and PKG05 are used.
	3	Use PKG03 to indicate the organization that publishes the code list being referred to.
	4	Special marking or tagging data can be given in PKG05 (description).

Notes: *1. Use this 1/PKG/420 segment when the packaging requirements are the same for all of the line items to be delivered to a named entity. If the packaging requirements vary by line item, use the 2/PKG/080 segment or the 2/PKG/450 segment if the packaging requirements are applicable to a named entity.*

2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube and dimensions of a unit container or an intermediate container, is carried in the 2/PO4/090 segment.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PKG01	349	**Item Description Type**	X ID 1/1

Code indicating the format of a description

	F	Free-form
	S	Structured (From Industry Code List)
	X	Semi-structured (Code and Text)

Ref. Des.	Data Element	Name	Attributes
PKG02	753	**Packaging Characteristic Code**	O ID 1/5

Code specifying the marking, packaging, loading and related characteristics being described

Use the listed codes to identify the applicable packaging requirements.

	CD	Cleaning or Drying Procedure
	CT	Cushioning Thickness
	CUD	Cushioning and Dunnage
	HM	Hazardous Material
	IC	Intermediate Container

	LP	Level Of Preservation	
	OPI	Optional Procedure Indicator	
	PK	Packing	

> *When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas shipments via surface; the second position signifies Level B packing for Overseas shipments via a freight forwarder, APO/FPO or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is acceptable, cite MIL-STD 2073 -2C code X in PKG04.*

	PM	Preservation Method	
	PML	Preservation Material	
	SMK	Special Marking	
	UC	Unit Container	
	UCL	Unit Container Level	
	WM	Wrapping Material	

PKG03   **559**   **Agency Qualifier Code**   **X   ID 2/2**

Code identifying the agency assigning the code values

DF	Department of Defense (DoD)	
GS	General Services Administration (GSA)	
	Responsible for Federal Specification	
ZZ	Mutually Defined	

> *Use to indicate a federal activity other than DoD or GSA.*

PKG04   **754**   **Packaging Description Code**   **X   AN 1/7**

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product

> *1. The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD 2073-2C).*
>
> *2. When the offeror is to select the appropriate requirement or method associated with a packaging characteristic code, insert "Y" or "YY" (dependent on the number of positions in the code).*
>
> *3. Insert "Z" or "ZZ" (dependent on the number of positions in the code) to indicate that supplementary or special requirements apply to a packaging characteristic which are not represented by a code listed in MIL-STD 2073-2C. Use PKG05 to provide the supplemental or special requirement information.*

| | PKG05 | 352 | **Description** | X | AN 1/80 |

A free-form description to clarify the related data elements and their content

| Not Used | PKG06 | 400 | **Unit Load Option Code** | X | ID 2/2 |

Code identifying loading or unloading a shipment

Segment:		**SPI** Specification Identifier			

Segment: **SPI** Specification Identifier

Position:	440
Loop:	SPI Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To provide a description of the included specification or technical data items
Syntax Notes:	1 If either SPI02 or SPI03 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	*This loop is used to carry the security information which is normally provided in the Department of Defense Contract Security Classification Specification (DD Form 254). Information regarding the contractor, subcontractor, place of performance and cognizant security offices may not be available until after an award determination and may have to be provided in the eventual award instrument. The prospective offerors may be required to provide this information as part of their proposal.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	SPI01	786	Security Level Code		M ID 2/2

Code indicating the level of confidentiality assigned by the sender to the information following

Use to specify the highest level of safeguarding required for the data associated with the eventual award instrument.

92	Government Confidential
93	Government Secret
94	Government Top Secret

	SPI02	128	Reference Number Qualifier		X ID 2/2

Code qualifying the Reference Number.

Use to identify a solicitation number if applicable to a Contract Security Classification Specification. If a solicitation number is not applicable, use to identify either a award instrument number or subcontract number as appropriate. If more than one number applies, provide the other number(s) in the 1/REF/450 segment within this loop.

3X	Subcontract Number
CT	Contract Number
KS	Solicitation
	A discreet number assigned by the purchasing activity to differentiate between different solicitations

	SPI03	127	Reference Number		X AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Not Used	SPI04	790	**Entity Title**	O	AN 1/132

Title of the data entity

Not Used	SPI05	791	**Entity Purpose**	O	AN 1/80

The reason for the existence of the data item specified by the electronic data item independent of its presence in an EDI transaction

Not Used	SPI06	792	**Entity Status Code**	O	ID 1/1

Code indicating the current status of the data item specified by the electronic data item

	SPI07	353	**Transaction Set Purpose Code**	O	ID 2/2

Code identifying purpose of transaction set

Use to identify the type of Contract Security Classification Specification being issued.

	00		Original
	04		Change

Use to identify a revised Contract Security Classification Specification.

	20		Final Transmission

Use to indicate a final Contract Security Classification Specification.

	SPI08	755	**Report Type Code**	O	ID 2/2

Code indicating the title or contents of a document, report or supporting item

	SF		Contract Security Classification Specification

	SPI09	786	**Security Level Code**	O	ID 2/2

Code indicating the level of confidentiality assigned by the sender to the information following

Use to identify the facility clearance level required to perform the eventual award instrument.

	92		Government Confidential
	93		Government Secret
	94		Government Top Secret

Not Used	SPI10	559	**Agency Qualifier Code**	O	ID 2/2

Code identifying the agency assigning the code values

Not Used	SPI11	822	**Source Subqualifier**	O	AN 1/15

A reference that indicates the table or text maintained by the Source Qualifier

Not Used	SPI12	554	**Assigned Number**	O	N0 1/6

Number assigned for differentiation within a transaction set

Not Used	SPI13	1322	**Certification Type Code**	O	ID 1/1

Code indicating the type of certification

Not Used	SPI14	1401	**Proposal Data Detail Identifier Code**	O	ID 1/3

Code identifying the basis of a cited value in a proposal

| | | | Segment: | **REF** Reference Numbers |

Segment: **REF** Reference Numbers

Position: 450

Loop: SPI   Optional

Level: Heading

Usage: Optional

Max Use: 5

Purpose: To specify identifying numbers.

Syntax Notes: 1   At least one of REF02 or REF03 is required.

Semantic Notes:

Comments:

Notes: *Use to identify reference numbers applicable to the Contract Security Classification Specification.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**REF01**	**128**	**Reference Number Qualifier**	**M ID 2/2**

Code qualifying the Reference Number.

3X	Subcontract Number	
CT	Contract Number	
KS	Solicitation	

     A discreet number assigned by the purchasing activity to differentiate between different solicitations

Use Code KS to identify the solicitation number.

YB	Revision Number

When SPI07 is code 04, use to indicate the revision number of the Contract Security Classification Specification.

	Ref. Des.	Data Element	Name	Attributes
	REF02	**127**	**Reference Number**	**X AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	Ref. Des.	Data Element	Name	Attributes
Not Used	**REF03**	**352**	**Description**	**X AN 1/80**

A free-form description to clarify the related data elements and their content

Segment: # DTM Date/Time Reference

Position: 460
Loop: SPI   Optional
Level: Heading
Usage: Optional
Max Use: 5
Purpose: To specify pertinent dates and times
Syntax Notes: 1   At least one of DTM02 DTM03 or DTM06 is required.
2   If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:
Notes: *Use to indicate dates applicable to the Contract Security Classification Specification.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3

Code specifying type of date or time, or both date and time

036   Expiration

Date coverage expires

When REF01 is Code CT, use to indicate the expiration date of the Contract.

106   Required By

When SPI02 is Code KS, use to indicate the due date of the response to the solicitation.

165   Final Issue

When SPI07 is Code 20, use to indicate the date of the final Contract Security Classification Specification.

171   Revision

When SPI07 is Code 04, use to indicate the date of the revised Contract Security Classification Specification.

334   Re-evaluation Date

The date on which the student's placement in special education or other programs will be re-assessed

Use to indicate the biennial review date of the Contract Security Classification Specification.

703   Original Transaction

When SPI07 is Code 00, use to indicate the date of the original Contract Security Classification Specification.

	DTM02	373	Date	X DT 6/6

Date (YYMMDD)

| Not Used | **DTM03** | **337** | **Time** | | **X** | **TM 4/8** |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| Not Used | **DTM04** | **623** | **Time Code** | | **O** | **ID 2/2** |

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

| | **DTM05** | **624** | **Century** | | **O** | **N0 2/2** |

The first two characters in the designation of the year (CCYY)

| Not Used | **DTM06** | **1250** | **Date Time Period Format Qualifier** | | **X** | **ID 2/3** |

Code indicating the date format, time format, or date and time format

| Not Used | **DTM07** | **1251** | **Date Time Period** | | **X** | **AN 1/35** |

Expression of a date, a time, or range of dates, times or dates and times

Segment: **MSG** Message Text

Position: 470

Loop: SPI   Optional

Level: Heading

Usage: Optional

Max Use: 50

Purpose: To provide a free form format that would allow the transmission of text information.

Syntax Notes:

Semantic Notes:

Comments: **1** MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Notes: *1. Use to provide information applicable to the Contract Security Classification Specification, e.g., a general identification of the procurement or security guidance in clear text.*

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	MSG01	933	**Free-Form Message Text**	**M**	**AN 1/264**
			Free-form message text		
Not Used	MSG02	934	**Printer Carriage Control Code**	**O**	**ID 2/2**
			A field to be used for the control of the line feed of the receiving printer		

Segment:	**N1** Name	
Position:	490	
Loop:	N1 Optional	
Level:	Heading	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2	N105 and N106 further define the type of entity in N101.

Notes: *1. Whenever possible, identification and address information should be provided using N101, N103 and N104. Use N102 and segments N2 through N4, as applicable, when this information cannot be provided using one of the codes listed in N103.*

2. The addresses cited in this loop are applicable to the Contract Security Classification Specification.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	Entity Identifier Code	M ID 2/2

Code identifying an organizational entity, a physical location, or an individual

28	Subcontractor	
61	Performed At	

The facility where work was performed

Use to indicate the place of performance.

B2   Other Unlisted Type of Organizational Entity

An organization, e.g., a business, the description of which cannot be accomplished using the existing code list and for which the trading partners have not mutually agreed to a definition for it

Use to indicate an unlisted entity to whom distribution of the Contract Security Classification Specification is to be made.

C4   Contract Administration Office

Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts

			awarded to either the specific contractor or all contractors in the geographic area
	K1	Contractor Cognizant Security Office
	K2	Subcontractor Cognizant Security Office
	K3	Place of Performance Cognizant Security Office
	K4	Party Authorizing Release of Security Information
	K5	Party To Receive Contract Security Classification Specification
	KG	Project Manager

The address of the person responsible for the management of a designated project

Use to indicate the party responsible for a project to include the advisor under a Grant.

	KI	United States Overseas Security Administration Office
	OI	Outside Inspection Agency

Use to indicate another entity that has inspection responsibilities.

	PG	Prime Contractor
	PV	Party performing certification

N102	93	**Name**	**X**	**AN 1/35**

Free-form name

N103	66	**Identification Code Qualifier**	**X**	**ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.

	1	D-U-N-S Number, Dun & Bradstreet

Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.

	9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix

Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.

	10	Department of Defense Activity Address Code (DODAAC)

Use to indicate either a Department of Defense or Civilian Agency Activity Address Code.

	33	Commercial and Government Entity (CAGE)

N104	67	**Identification Code**	**X**	**AN 2/20**

Code identifying a party or other code

| Not Used | N105 | 706 | **Entity Relationship Code** | **O** | **ID 2/2** |

Code describing entity relationship

| Not Used | N106 | 98 | **Entity Identifier Code** | **O** | **ID 2/2** |

Code identifying an organizational entity, a physical location, or an individual

| | | | Segment: | **N2** Additional Name Information |

Segment: **N2** Additional Name Information

Position: 500
Loop: N1   Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N201	93	Name	M AN 1/35
			Free-form name	
	N202	93	Name	O AN 1/35
			Free-form name	

Segment: # N3 Address Information

Position: 510
Loop: N1   Optional
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N301	166	**Address Information**	M	AN 1/35
			Address information		
	N302	166	**Address Information**	O	AN 1/35
			Address information		

Segment:	**N4** Geographic Location
Position:	520
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2 N402 is required only if city name (N401) is in the USA or Canada.
Notes:	*This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	**19**	**City Name**	**O AN 2/30**
		Free-form text for city name	
N402	**156**	**State or Province Code**	**O ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency	
N403	**116**	**Postal Code**	**O ID 3/11**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
N404	**26**	**Country Code**	**O ID 2/3**
		Code identifying the country	
		Cite the two position ISO 3166 country code.	
N405	**309**	**Location Qualifier**	**X ID 1/2**
		Code identifying type of location	
		AR Armed Services Location Designation	
		Use to indicate an Army Post Office (APO) or Fleet Post Office (FPO).	
N406	**310**	**Location Identifier**	**O AN 1/30**
		Code which identifies a specific location	
		When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).	

Segment: **G61** Contact

Position:	540
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a person or office to whom communications should be directed
Syntax Notes:	1 If either G6103 or G6104 is present, then the other is required.
Semantic Notes:	
Comments:	1 G6103 qualifies G6104.
Notes:	*Use this segment to provide names associated with addresses cited in the N1 segment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	G6101	366	**Contact Function Code**	**M ID 2/2**

Code identifying the major duty or responsibility of the person or group named

CE	Certifier
IC	Information Contact

Use Code IC to indicate a single point of contact for classification, guidance or interpretation.

PP	Program Manager

	Ref. Des.	Data Element	Name	Attributes
Must Use	G6102	93	**Name**	**M AN 1/35**

Free-form name

Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. G6105 may be used to cite the party's title or office symbol.

	Ref. Des.	Data Element	Name	Attributes
	G6103	365	**Communication Number Qualifier**	**X ID 2/2**

Code identifying the type of communication number

AU	Defense Switched Network

    Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)

EM	Electronic Mail
FX	Facsimile
IT	International Telephone
TE	Telephone

Use to indicate the commercial telephone number of the party cited in G6102. Include the area code.

	Ref. Des.	Data Element	Name	Attributes
	G6104	364	**Communication Number**	**X AN 1/80**

Complete communications number including country or area code when applicable

All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.

G6105	**443**	**Contact Inquiry Reference**	**O**	**AN 1/20**

Additional reference number or description to clarify a contact number

Use to provide the title or the office symbol of the party cited in G6102.

Segment:	**MSG** Message Text
Position:	550
Loop:	N1 Optional
Level:	Heading
Usage:	Optional
Max Use:	50
Purpose:	To provide a free form format that would allow the transmission of text information.
Syntax Notes:	
Semantic Notes:	
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes:	*1. Use this segment to provide clear text information applicable to the entity cited in the preceding N1 segment.*
	2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	MSG01	933	**Free-Form Message Text**	**M AN 1/264**
			Free-form message text	
Not Used	MSG02	934	**Printer Carriage Control Code**	**O ID 2/2**
			A field to be used for the control of the line feed of the receiving printer	

Segment: **CB1** Contract and Cost Accounting Standards Data

Position:	560
Loop:	CB1 Optional
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify contract and cost accounting standards data
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*Use this segment to identify the access required to specific data and information in the performance of the resultant award instrument and to indicate the actions required of and authorizations provided to the contractor under the resultant award instrument.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CB101	1309	**Acquisition Data Code**	M ID 2/2

Code identifying acquisition data

18	Access to Communications Security Information Required
19	Access to Communication Security Information Not Required
20	Access to Restricted Data Required
21	Access to Restricted Data Not Required
22	Access to Critical Nuclear Weapon Design Information Required
23	Access to Critical Nuclear Weapon Design Information Not Required
24	Access to Formerly Restricted Data Required
25	Access to Formerly Restricted Data Not Required
26	Access to Sensitive Compartmented Information Required
27	Access to Sensitive Compartmented Information Not Required
28	Access to Non-sensitive Compartmented Information Required
29	Access to Non-sensitive Compartmented Information Not Required
30	Access to Special Access Information Required
31	Access to Special Access Information Not Required
32	Access to North Atlantic Treaty Organization Information Required

33	Access to North Atlantic Treaty Organization Information Not Required
34	Access to Foreign Government Information Required
35	Access to Foreign Government Information Not Required
36	Access to Limited Dissemination Information Required
37	Access to Limited Dissemination Information Not Required
38	Access to For Official Use Only Information Required
39	Access to For Official Use Only Information Not Required
40	Access to Other Type of Information Required
41	Access to Other Type of Information Not Required
42	Contractor Will Have Access to United States Classified Information at another Contractor's Facility or a Government Activity
43	Contractor Will Not Have Access to United States Classified Information at another Contractor's Facility or a Government Activity
44	Contractor Will Receive Classified Documents Only
45	Contractor Will Not Receive Classified Documents Only
46	Contractor Will Receive or Generate Classified Material
47	Contractor Will Not Receive or Generate Classified Material
48	Contractor Will Fabricate, Modify, or Store Classified Hardware
49	Contractor Will Not Fabricate, Modify, or Store Classified Hardware
50	Contractor Will Perform Services Only
51	Contractor Will Not Perform Services Only
52	Contractor Will Have Access to United States Classified Information outside the United States, Puerto Rico, United States Possessions and Trust Territories
53	Contractor Will Not Have Access to United States Classified Information outside the United States, Puerto Rico, United States Possessions and Trust Territories
54	Contractor Will Be Authorized to use the Services of Defense Technical Information Center or other Secondary Distribution Center

55	Contractor Will Not Be Authorized to use the Services of Defense Technical Information Center or other Secondary Distribution Center
56	Contractor Will Require a Communications Security Account
57	Contractor Will Not Require a Communications Security Account
58	Contractor Will Have Tempest Requirements
59	Contractor Will Not Have Tempest Requirements
60	Contractor Will Have Operations Security Requirements
61	Contractor Will Not Have Operations Security Requirements
62	Contractor Will Be Authorized to use the Defense Courier Service
63	Contractor Will Not Be Authorized to use the Defense Courier Service
64	Contractor Will Have some other Authorization in the Performance of the Contract
65	Contractor Will Not Have some other Authorization in the Performance of the Contract
66	Facility Clearance Required
67	Facility Clearance Not Required
68	Follow-on Contract
69	Not a Follow-on Contract
70	Final Contract Security Classification Specification
71	Not a Final Contract Security Classification Specification
72	Direct Public Release Authorized
73	Direct Public Release Not Authorized
74	Additional Materials being Forwarded
75	No Additional Materials being Forwarded
76	Additional Requirements Established
77	Additional Requirements Not Established
78	Elements of the Contract are outside the Inspection Responsibility of the Cognizant Security Office
79	No Element of the Contract Is Outside the Inspection Responsibility of the Cognizant Security Office
80	Contractor Distribution Required
81	Contractor Distribution Not Required
82	Subcontractor Distribution Required
83	Subcontractor Distribution Not Required
84	Cognizant Security Office for Prime and

			Subcontractor Distribution Required
	85		Cognizant Security Office for Prime and Subcontractor Distribution Not Required
	86		United States Activity Responsible for Overseas Security Administration Distribution Required
	87		United States Activity Responsible for Overseas Security Administration Distribution Not Required
	88		Administrative Contracting Office Distribution Required
	89		Administrative Contracting Office Distribution Not Required
	90		Other Distribution Required
	91		Other Distribution Not Required

Not Used   CB102   1310   Financing Type Code   O   ID 1/1

Code identifying the type of contract financing required by the submitter of a pricing proposal

Segment:	**REF** Reference Numbers			
Position:	570			
Loop:	CB1	Optional		
Level:	Heading			
Usage:	Optional			
Max Use:	20			
Purpose:	To specify identifying numbers.			
Syntax Notes:	1	At least one of REF02 or REF03 is required.		
Semantic Notes:				
Comments:				
Notes:	*Use this segment to provide reference numbers associated with access information contained in the Contract Security Classification Specification (DD Form 254).*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Number Qualifier**	M ID 2/2

Code qualifying the Reference Number.

43   Supporting Document Number

Supports or clarifies information and values represented in a document

Use Code 43 to indicate a reference (paragraph number or section) that contains additional information applicable to the DD Form 254. Cite the reference in REF02 and identify the document in REF03.

KL   Contract Reference

Use to indicate a clause in the award instrument that contains additional security requirements or unique inspection requirements.

KT   Request for Quotation Reference

A discrete number assigned for identification purposes to a request for quotation

Use to indicate a clause in the solicitation that contains additional security requirements or unique inspection requirements.

KU   Office Symbol

A number assigned for reference to a specific office within an organization

When CB101 is code 90, use to indicate the office symbol to which additional distribution of the Contract Security Classification Specification (DD Form 254) is required.

P1   Previous Contract Number

When CB101 is Code 68, use to indicate the preceding award instrument number under which classified data was received or generated.

REF02	**127**	**Reference Number**	**X**	**AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

REF03	**352**	**Description**	**X**	**AN 1/80**

A free-form description to clarify the related data elements and their content

1. When REF01 is code 43, use to identify the document that contains the paragraph number or section where the applicable information is located.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment: # DTM Date/Time Reference

Position:	580
Loop:	CB1 Optional
Level:	Heading
Usage:	Optional
Max Use:	5
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required.
	2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3

Code specifying type of date or time, or both date and time

   992   Date Requested

   When CB101 is Code 70, use to indicate the date of a contractor's request to retain classified material.

	DTM02	373	Date	X DT 6/6

Date (YYMMDD)

Not Used	DTM03	337	Time	X TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	DTM04	623	Time Code	O ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

	DTM05	624	Century	O N0 2/2

The first two characters in the designation of the year (CCYY)

Not Used	DTM06	1250	Date Time Period Format Qualifier	X ID 2/3

Code indicating the date format, time format, or date and time format

Not Used	DTM07	1251	Date Time Period	X AN 1/35

Expression of a date, a time, or range of dates, times or dates and times

Segment:		**LDT** Lead Time			

Position: 590
Loop: CB1   Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes: 1   LDT04 is the effective date of lead time information.
Comments: 1   LDT02 is the quantity of unit of time periods.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	LDT01	345	**Lead Time Code**		M ID 2/2
			Code indicating the time range		
			BA	From Date of Award to Expiration Date of Authorization	
				Use to indicate the authorized period for a contractor to retain classified materials.	
Must Use	LDT02	380	**Quantity**		M R 1/15
			Numeric value of quantity		
Must Use	LDT03	344	**Unit of Time Period or Interval**		M ID 2/2
			Code indicating the time period or interval		
			CY	Calendar Year	
			DA	Calendar Days	
			MO	Month	
			WK	Weeks	
Not Used	LDT04	373	**Date**		O DT 6/6
			Date (YYMMDD)		

| **Segment:** | **MSG** Message Text |

Position:	600
Loop:	CB1 Optional
Level:	Heading
Usage:	Optional
Max Use:	50
Purpose:	To provide a free form format that would allow the transmission of text information.
Syntax Notes:	
Semantic Notes:	
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes:	*1. When CB101 is Code 74, 76, or 78, use this segment to provide additional clear text information.*
	2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**MSG01**	**933**	**Free-Form Message Text**	**M AN 1/264**
			Free-form message text	
Not Used	**MSG02**	**934**	**Printer Carriage Control Code**	**O ID 2/2**
			A field to be used for the control of the line feed of the receiving printer	

Segment: **PO1** Baseline Item Data

Position:	010
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	To specify basic and most frequently used line item data

Syntax Notes:
1. If PO103 is present, then PO102 is required.
2. If PO105 is present, then PO104 is required.
3. If either PO106 or PO107 is present, then the other is required.
4. If either PO108 or PO109 is present, then the other is required.
5. If either PO110 or PO111 is present, then the other is required.
6. If either PO112 or PO113 is present, then the other is required.
7. If either PO114 or PO115 is present, then the other is required.
8. If either PO116 or PO117 is present, then the other is required.
9. If either PO118 or PO119 is present, then the other is required.
10. If either PO120 or PO121 is present, then the other is required.
11. If either PO122 or PO123 is present, then the other is required.
12. If either PO124 or PO125 is present, then the other is required.

Semantic Notes:

Comments:
1. See the Data Dictionary for a complete list of ID's.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Notes:
1. Use this PO1 loop to identify all information related to a Contract Line Item Number (CLIN), a Subcontract Line Item Number (SUBCLIN), or an Exhibit Line Item Number (ELIN). Each iteration of the PO1 loop will carry all information related to the CLIN, SUBCLIN or ELIN specified in PO101.

2. When BQT01 is code 01, 17, or code 02, 03, 04, 05 and there are no additions, deletions or changes to table 2, only PO101 need be transmitted.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PO101	350	**Assigned Identification**	O AN 1/11

Alphanumeric characters assigned for differentiation within a transaction set

1. Use to identify the Contract Line Item Number (CLIN), the Sub Contract Line Item Number (SUBCLIN), or the Exhibit Line Item Number (ELIN), if one is assigned.

2. When BQT01 is code 01, 17, or code 02, 03, 04, 05 and there are no additions, deletions or changes to table 2, cite the word "NONE" in this data element.

PO102	330	**Quantity Ordered**		**X R 1/9**

Quantity ordered

1. Use to specify the quantity of the item being solicited. If prices for step ladder quantities are being solicited, PO102 will cite the base quantity that is being solicited and the step ladder quantities will be cited in the 2/CTP/040 segment.

2. Minimum and maximum quantities that will be ordered under a resultant Indefinite Delivery Indefinite Quantity (IDIQ) award instrument are specified in the MEA segment.

3. Do not use this data element at the CLIN level if the quantities are specified at the SUBCLIN level.

PO103	355	**Unit or Basis for Measurement Code**		**O ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code.

2. Do not use this data element at the CLIN level if the quantities are specified at the SUBCLIN level.

3. A conversion table may be required to convert agency codes to ASC X12 codes.

SX   Shipment
Use when PO101 is a CLIN for transportation charges.

ZZ   Mutually Defined
Use to indicate a job or a task.

Refer to 003050 Data Element Dictionary for acceptable code values.

PO104	212	**Unit Price**		**X R 1/17**

Price per unit of product, service, commodity, etc.

To comply with the X12 syntax, when PO105 is used, cite "0" in this data element.

PO105	639	**Basis of Unit Price Code**		**O ID 2/2**

Code identifying the type of unit price for an item

	CA	Catalog
	ES	Estimated
	FB	Fabrication Cost

Use to indicate the price includes the incorporation of Government Furnished Property (GFP) into the item.

	KA	Price with Government Furnished Property

Use to indicate the price of the items includes the

NC	No Charge	
NE	Not to Exceed	
NS	Not Separately Priced	

PQ	Posted	

TB	To be negotiated.	

PO106   235   Product/Service ID Qualifier   X   ID 2/2

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Use to indicate the 4 position Federal Supply Classification code or Product Service code.

IN   Buyer's Item Number
Use to indicate a locally assigned code for a product or a service when a stock number does not apply.

KA   Engineering Data List
Use to indicate the Engineering Data List that contains technical information related to the CLIN or SUBCLIN.

KB   Data Category
When PO101 is a CLIN or SUBCLIN related to an exhibit, use to indicate the data category of a Contract Data Requirements List.

KD   Replacement National Stock Number
Use to indicate the NSN that will be assigned to an item being modified.

KF   Item Type Number
KG   Time Compliant Technical Order
KI   Cognizance Symbol
KJ   Material Control Code
KK   Special Material Identification Code
KL   Item Management Code
KM   Shelf-Life Code
KN   Shelf-Life Action Code
LT   Lot Number
MF   Manufacturer
When used, cite the DUNS number of the manufacturer in the following data element.

MG   Manufacturer's Part Number
When used, a second 235/234 pair must be used citing either code MF or code ZB.

MN   Model Number
N1   National Drug Code in 4-4-2 Format
N2   National Drug Code in 5-3-2 Format
N3   National Drug Code in 5-4-1 Format
N4   National Drug Code in 5-4-2 Format
ND   National Drug Code (NDC)
PD   Part Number Description
Use to indicate the noun nomenclature of the item.

PU   Part Reference Number
Use to indicate a part number assigned by an industry (not related to a specific manufacturer). Do not use for National Drug Codes.

RC   Returnable Container No.
Use to indicate an NSN, manufacturer's part number, or other
identifying number (except a serial number) of a returnable container.
The serial number of a returnable container will be carried in the REF
segment with code RS.

SH   Service Requested
Use to indicate (in clear text) the service being solicited.

SN   Serial Number
Use to indicate the serial number of the item cited in PO101. For
example, the serial number of an aircraft engine that is to be repaired.

SW   Stock Number
Use to indicate a local stock number.

SZ   Vendor Alphanumeric Size Code (NRMA)
Use to indicate the size of the item being solicited.

UK   U.P.C./EAN Shipping Container Code (1-2-5-5-1)
VP   Vendor's (Seller's) Part Number
Use to indicate a part number assigned by a contractor other than the
manufacturer.

ZB   Commercial and Government Entity (CAGE) Code
Use to indicate a manufacturer who can be identified by a CAGE code.

Refer to 003050 Data Element Dictionary for acceptable code values.

PO107	**234**	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

PO108	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

PO109	**234**	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

PO110	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

PO111	**234**	**Product/Service ID**	**X**	**AN 1/40**

Identifying number for a product or service

PO112	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**

Code identifying the type/source of the descriptive number used in
Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

PO113	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

PO114	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

PO115	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

PO116	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

PO117	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

PO118	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

PO119	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

PO120	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

PO121	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

PO122	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

PO123	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

PO124	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Refer to 003050 Data Element Dictionary for acceptable code values.

PO125	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

Segment:	**CN1** Contract Information
Position:	025
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify basic data about the contract or contract line item
Syntax Notes:	
Semantic Notes:	1 CN102 is the contract amount.
	2 CN103 is the allowance or charge percent.
	3 CN104 is the contract code.
	4 CN106 is an additional identifying number for the contract.
Comments:	
Notes:	*Use this 2/CN1/025 segment to identify the type of pricing arrangement that is expected to be applicable to a specific line item if it will differ from the pricing arrangement that is expected to be applicable to the award instrument. BQT08 specifies the pricing arrangement that is expected to be applicable to the entire award instrument. BQT08 and the 2/CN1/025 segment can both be included in the transaction set if needed.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CN101	1166	**Contract Type Code**	M ID 2/2

Code identifying a contract type

CA	Cost Plus Incentive Fee (With Performance Incentives)
CB	Cost Plus Incentive Fee (Without Performance Incentives)
CH	Cost Sharing
CS	Cost
CW	Cost Plus Award Fee
CX	Cost Plus Fixed Fee
FB	Fixed Price Incentive Firm Target (With Performance Incentive)
FC	Fixed Price Incentive Firm Target (Without Performance Incentive)
FD	Fixed Price Redetermination
	Use to indicate a prospective fixed price redetermination procurement line item.
FF	Fixed Price Incentive Successive Target (With Performance Incentive)
FG	Fixed Price Incentive Successive Target (Without Performance Incentive)

			FH	Fixed Price Award Fee
			FJ	Fixed Price Level of Effort
			FK	No Cost
			FR	Firm Fixed Price
			FX	Fixed Price with Economic Price Adjustment
			LH	Labor Hours
			TM	Time and Materials
			ZZ	Mutually Defined

Use to indicate a retroactive fixed price redetermination procurement line item.

Not Used	CN102	782	**Monetary Amount**	**O R 1/15**

Monetary amount

Not Used	CN103	332	**Percent**	**O R 1/6**

Percent expressed as a percent

Not Used	CN104	127	**Reference Number**	**O AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Not Used	CN105	338	**Terms Discount Percent**	**O R 1/6**

Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date

Not Used	CN106	799	**Version Identifier**	**O AN 1/30**

Revision level of a particular format, program, technique or algorithm

Segment: **PO3** Additional Item Detail

Position: 030
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To specify additional item-related data involving variations in normal price/quantity structure
Syntax Notes: 1   If PO304 is present, then at least one of PO303 or PO305 is required.
Semantic Notes:
Comments: 1   Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).
2   PO307 defines the unit of measure for PO306.
Notes: *Use this segment to provide additional information applicable to the CLIN, SUBCLIN, or ELIN specified in PO101.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PO301	371	**Change Reason Code**	M ID 2/2

Code specifying the reason for price or quantity change

AQ   Alternate Quantity and Unit of Measure

Use to specify that the CLIN, SUBCLIN, or ELIN has an alternate quantity and unit of measure (e.g. PO102/03 could cite 10,000 LB and PO306/07 could cite 10 SH. Both quantities and units of measure are applicable to the item being solicited - steel plates).

EV   Estimated Quantity

Use to indicate the quantity cited in PO102 is an estimated quantity.

UP   Unit Price

Use to indicate that the price cited in PO304 is currently available for ordering this item pursuant to a Federal Supply Schedule or other award instrument. When used cite code GOV in PO303 and the unit price in PO304.

	Ref. Des.	Data Element	Name	Attributes
Not Used	PO302	373	**Date**	O DT 6/6

Date (YYMMDD)

	Ref. Des.	Data Element	Name	Attributes
	PO303	236	**Price Identifier Code**	X ID 3/3

Code identifying pricing specification

GOV   Government Price

	Ref. Des.	Data Element	Name	Attributes
	PO304	212	**Unit Price**	O R 1/17

Price per unit of product, service, commodity, etc.

| Not Used | PO305 | 639 | **Basis of Unit Price Code** | | X | ID 2/2 |

Code identifying the type of unit price for an item

| Must Use | PO306 | 380 | **Quantity** | | M | R 1/15 |

Numeric value of quantity

1. When PO301 is code EV or UP, repeat the quantity cited in PO102.

2. When PO301 is code AQ, cite the applicable quantity.

| Must Use | PO307 | 355 | **Unit or Basis for Measurement Code** | | M | ID 2/2 |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. Due to the mandatory nature of this data element, when PO301 is code EV or UP, repeat the unit of measure cited in PO103.

3. An application program conversion table may be required to convert agency codes to ASC X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

| Not Used | PO308 | 352 | **Description** | | O | AN 1/80 |

A free-form description to clarify the related data elements and their content

	Segment:	**CTP** Pricing Information
	Position:	040
	Loop:	PO1 Mandatory
	Level:	Detail
	Usage:	Optional
	Max Use:	>1
	Purpose:	To specify pricing information

Syntax Notes:
1 If either CTP04 or CTP05 is present, then the other is required.
2 If CTP06 is present, then CTP07 is required.
3 If CTP09 is present, then CTP02 is required.
4 If CTP10 is present, then CTP02 is required.

Semantic Notes:
1 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2 CTP08 is the rebate amount.

Comments:
1 See Figures Appendix for an example detailing the use of CTP03 and CTP04. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

Notes:
Use this segment to signal to prospective offerors that a variety of prices are being solicited, e.g., step-ladder prices (prices based on a range of solicited quantities), zone prices (prices based on deliveries to various geographic locations), prices based on different packaging requirements for the same item, or labor rates for categories of labor an offeror may propose for a time and materials or labor hour award instrument. It is also used to request the offeror to specify quantities at which he offers a price break, or to indicate that his catalog price along with his quoted price is required in his proposal.

Example of how prices are solicited for step ladder quantities for quantities 1-10, 11-20, 21-30, and 31-50:

CTP**PBQ**1*EA N/L
CTP**ICL**10*EA N/L
CTP**ICL**20*EA N/L
CTP**ICL**30*EA N/L
CTP**MAX**50*EA N/L

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
Not Used	CTP01	**687**	**Class of Trade Code**	O ID 2/2
			Code indicating class of trade	
	CTP02	**236**	**Price Identifier Code**	X ID 3/3
			Code identifying pricing specification	
			Use to identify the type of prices an offeror is required to submit in his quote.	
			ALT Alternate Price	
			Use to indicate a lease-to-purchase price.	

CAT   Catalog Price

Use to indicate the offeror, in addition to his quoted price, is to provide his catalog price for the item specified in PO101.

ICL   Unit Price Through Quantity

1. When prices are being solicited for quantity ranges applicable to step ladder pricing, use to indicate the end of a quantity range.

2. Use in conjunction with codes PBQ and MAX for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied.

LAR   Labor Rate

Use to indicate the offeror is to provide hourly labor rates for the labor categories quoted. These labor rates will be provided in the PD/PDD loop of the 843 transaction set.

MAX   Maximum Order Quantity Price

1. When prices are being solicited for quantity ranges applicable to step ladder pricing, use to indicate the quantity above which the price will not change.

2. Use in conjunction with codes ICL and PBQ for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied.

PAP   Protection Level Price

Use to indicate that the offeror is to provide a price for the packaging protection level (preservation) cited in CTP10.

PAQ   Price Break Quantity(s)

Use to indicate that the offeror is to identify a quantity where an incremental price break occurs. For example, if price breaks occur at quantities 11, 21, 31, etc., then for a purchase quantity of 25, the

first 10 units are at the first price, the next 10 units are at the second price and the last 5 units are at the third price. This is in contrast to step ladder prices where all 25 units are one price.

| | PBQ | | Unit Price Beginning Quantity |

1. When prices are being solicited for quantity ranges applicable to step ladder pricing, use to indicate the beginning of a quantity range.

2. Use in conjunction with codes ICL and MAX for step ladder pricing. Step ladder pricing is defined as the price specified for the quantity range containing the quantity purchased, applying to all the items purchased. Use of codes ICL, MAX and PBQ is in contrast to use of code PAQ which identifies quantities at which different prices are applied.

| | PPA | | Packing Level Price |

Use to indicate that the offeror is to provide prices for the packaging level cited in CTP10.

| | PUR | | Purchase |

Use to indicate the offeror is to provide a replacement price for an item if it is less costly than to repair.

| | ZNP | | Zone Price |

Use to indicate that prices are being solicited for delivery to the zone cited in CTP10. This is the total price of the item and is based on standard commercial packaging and preservation.

| Not Used | CTP03 | 212 | **Unit Price** | **O** | **R 1/17** |

Price per unit of product, service, commodity, etc.

| | CTP04 | 380 | **Quantity** | **X** | **R 1/15** |

Numeric value of quantity

When CTP02 is code LAR and CTP05 is code HR, cite "1".

| | CTP05 | 355 | **Unit or Basis for Measurement Code** | **X** | **ID 2/2** |

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

HR   Hours
When CTP02 is code LAR, use to indicate the offeror is to provide the

estimated number of hours associated with an hourly labor rate cited in CTP02. The estimated number of hours will be provided in the PD/PDD loop of the 843 transaction set.

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	CTP06	648	**Price Multiplier Qualifier**	O	ID 3/3
			Code indicating the type of price multiplier		
Not Used	CTP07	649	**Multiplier**	X	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	CTP08	782	**Monetary Amount**	O	R 1/15
			Monetary amount		
Not Used	CTP09	639	**Basis of Unit Price Code**	O	ID 2/2
			Code identifying the type of unit price for an item		
	CTP10	499	**Condition Value**	O	AN 1/10
			Identifies rate restrictions or provisions		

When CTP02 is Code PAP, PPA, or ZNP, use to indicate the protection level, packing level or delivery zone for which prices are being solicited.

Segment:	**MEA** Measurements		
Position:	049		
Loop:	PO1 Mandatory		
Level:	Detail		
Usage:	Optional		
Max Use:	40		

Purpose: To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

Syntax Notes:
1. At least one of MEA03 MEA05 MEA06 or MEA08 is required.
2. If MEA05 is present, then MEA04 is required.
3. If MEA06 is present, then MEA04 is required.
4. If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
5. Only one of MEA08 or MEA03 may be present.

Semantic Notes:
1. MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments:
1. When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Notes: *1. Use this 2/MEA/049 segment to provide information that applies to a specific line item. Use the 1/MEA/200 segment to provide information that applies to all of the line items.*

2. This segment can be used to identify the maximum size standards for the Standard Industrial Classification (SIC) Code applicable to the line item; the length of a required warranty; and for line items in a requirements or an indefinite quantity type award instrument, the variations in quantity permitted, the minimum/maximum quantity per order, the maximum that may be ordered during a specified time period, the minimum and maximum obligations of the government and the contractor.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
MEA01	737	Measurement Reference ID Code	O ID 2/2

Code identifying the broad category to which a measurement applies

Use any code.

BT   Batch Limits
When BQT06 is code KI, KQ, or KR, use to indicate the minimum and maximum limits of the government's obligation to order either in terms of dollars or quantity under a requirements or an indefinite quantity type award instrument. When BQT06 is code KT or RL, use to indicate the minimum and maximum limits of the government's obligation to order either in terms of dollars or quantity under the specific Task Order or Delivery Order. Use MEA04-C00101 to identify the unit of measure (dollars, each, etc.) and use MEA05/06 to specify the minimum and maximum.

CS   Core Size
When REF01 is Code IJ, use to indicate the size standard for the cited
SIC code.

CT   Counts
Use to indicate variations in quantity permitted when it is expressed as a
discrete quantity. Specify the quantity under and/or over in MEA05/06.

DE   Defects
Use to indicate a warranty period.

LT   Lot Limits
Use to indicate the minimum and maximum limits of the contractor's
obligation either in terms of dollars or quantity to deliver under a
requirements or an indefinite quantity type award instrument. Do not
use for a purchase order or a delivery order. Use MEA04-C00101 to
identify the unit of measure (dollars, each, etc.) and use MEA05/06 to
specify the minimum and maximum.

OL   Order Limits
Use to indicate the maximum the government may order from a
requirements or an indefinite quantity type award instrument in a
specified time period. Do not use for a purchase order or a delivery
order. Use MEA03 to identify the quantity, MEA04-C00101 to identify
the unit of measure, and MEA04-C00104 to identify the time period.

PM   Permitted
Use to indicate the minimum and maximum quantity or dollars
permitted per order against a requirements or an indefinite quantity type
award instrument. Use MEA04-C00101 to identify the unit of measure
(dollars, each, etc.) and use MEA05/06 to specify the minimum and
maximum.

Refer to 003050 Data Element Dictionary for acceptable code values.

MEA02	**738**	**Measurement Qualifier**	**O ID 1/3**

Code identifying a specific product or process characteristic to which a
measurement applies

Use any code other than code ZZZ.

MX   Maximum
When MEA01 is code CS, use to indicate the maximum size standard
applicable to the SIC code specified in the REF segment. When MEA01
is code OL, use to indicate the maximum amount that can be ordered
in a specified time period.

PO   Percent of Order (-, +)

Use to indicate the variation of quantity permitted when it is expressed as a percent of the quantity ordered. Specify the percent under and/or over in MEA05/06.

RY   Ratio
When CN101 is code CA, CB, CH, FB, FC, FF, or FG, use to indicate the Government and contractor share ratio. Identify the Government share in MEA05 and the contractor share in MEA06.

TT   Time
Use to indicate the length of a warranty period. Specify the length of time in MEA03 and the time period in MEA04-C00101.

Refer to 003050 Data Element Dictionary for acceptable code values.

	MEA03	739	Measurement Value	X R 1/20

The value of the measurement

	MEA04	C001	Composite Unit of Measure	X

To identify a composite unit of measure (See Figures Appendix for examples of use)

1. This composite unit of measure can be used to indicate the maximum that may be ordered during a specified period of time under a requirements or an indefinite quantity type award instrument.

2. For example: If the maximum that can be ordered per quarter is 10,000 each, then MEA01 would cite code OL, MEA02 would cite code MX, MEA03 would cite 10,000, MEA04-C00101 would cite code EA, and MEA04- C00104 would cite code Q1.

Must Use	C00101	355	Unit or Basis for Measurement Code	M ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

IE   Person
When MEA01 is code CS, use to indicate the SIC size standard in terms of number of employees.

R5   Thousands of Dollars
When MEA01 is code CS, use to indicate the SIC size standard in terms of dollar amount of sales.

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	C00102	1018	Exponent	O R 1/15

Power to which a unit is raised

Not Used	C00103	649	Multiplier	O R 1/10

Value to be used as a multiplier to obtain a new value

	C00104	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	C00105	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00106	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00107	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00108	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00109	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00110	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00111	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00112	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

Not Used	C00113	355	**Unit or Basis for Measurement Code**	O	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Not Used	C00114	1018	**Exponent**	O	R 1/15

Power to which a unit is raised

Not Used	C00115	649	**Multiplier**	O	R 1/10

Value to be used as a multiplier to obtain a new value

	MEA05	740	**Range Minimum**	X	R 1/20

The value specifying the minimum of the measurement range

1. When MEA01 is Code CT, or MEA02 is code PO, use to specify the variation in quantity under.

2. When MEA02 is RY, use to specify the proposed Government share.

3. When MEA01 is code BT, LT, or PM, use to specify the minimum

	MEA06	741	**Range Maximum**	**X**	**R 1/20**

The value specifying the maximum of the measurement range

1. When MEA01 is Code CT, or MEA02 is code PO, use to specify the variation in quantity over.

2. When MEA02 is RY, use to specify the proposed contractor share.

3. When MEA01 is code BT, LT, or PM, use to specify the maximum amount or quantity.

4. Percents will be cited as follows: 4.25% will be cited as 4.25; 3% will be cited as 3 (note: leading and trailing zeros are suppressed).

Not Used	**MEA07**	**935**	**Measurement Significance Code**	**O**	**ID 2/2**

Code used to benchmark, qualify or further define a measurement value

Not Used	**MEA08**	**936**	**Measurement Attribute Code**	**X**	**ID 2/2**

Code used to express an attribute response when a numeric measurement value cannot be determined

Not Used	**MEA09**	**752**	**Surface/Layer/Position Code**	**O**	**ID 2/2**

Code indicating the product surface, layer or position that is being described

Not Used	**MEA10**	**1373**	**Measurement Method or Device**	**O**	**ID 2/4**

The method or device used to record the measurement

Segment: **PID** Product/Item Description

Position:	050
Loop:	PID Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To describe a product or process in coded or free-form format

Syntax Notes:
1. If PID04 is present, then PID03 is required.
2. At least one of PID04 or PID05 is required.
3. If PID07 is present, then PID03 is required.
4. If PID08 is present, then PID03 is required.

Semantic Notes:
1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A ``Y'' indicates that the specified attribute applies to this item. A ``N'' indicates it does not apply. Any other value is indeterminate.

Comments:
1. If PID01 = ``F'', then PID05 is used. If PID01 = ``S'', then PID04 is used. If PID01 = ``X'', then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

Notes: *Use this segment to provide information applicable to a specific line item.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PID01	349	**Item Description Type**	**M ID 1/1**

Code indicating the format of a description

F	Free-form
S	Structured (From Industry Code List)
X	Semi-structured (Code and Text)

	Ref. Des.	Data Element	Name	Attributes
	PID02	750	**Product/Process Characteristic Code**	**O ID 2/3**

Code identifying the general class of a product or process characteristic

Use any code. Use of the following codes is preferred as indicated in the accompanying notes.

32   Type of Test/Inspection
Use to indicate a First Article Test line item

OC   Option
Use to indicate a line item that will be unfunded at the time of award, such as an option, a line item established for incremental funding, provisioned item, or a multi year line item. When used, cite the nature of the line item in PID05.

Refer to 003050 Data Element Dictionary for acceptable code values.

| | PID03 | 559 | **Agency Qualifier Code** | **X** | **ID 2/2** |

Code identifying the agency assigning the code values

Use any code other than code ZZ.

Refer to 003050 Data Element Dictionary for acceptable code values.

| | PID04 | 751 | **Product Description Code** | **X** | **AN 1/12** |

A code from an industry code list which provides specific data about a product characteristic

| | PID05 | 352 | **Description** | **X** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

1. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

2. When PID02 is code OC, cite OPTION, INCREMENTAL FUNDING, PROVISIONED ITEM, or MULTIYEAR as appropriate for the line item. When using PID02 and PID05, use code X in PID01.

| **Not Used** | PID06 | 752 | **Surface/Layer/Position Code** | **O** | **ID 2/2** |

Code indicating the product surface, layer or position that is being described

| **Not Used** | PID07 | 822 | **Source Subqualifier** | **O** | **AN 1/15** |

A reference that indicates the table or text maintained by the Source Qualifier

| **Not Used** | PID08 | 1073 | **Yes/No Condition or Response Code** | **O** | **ID 1/1** |

Code indicating a Yes or No condition or response

Segment:	**PWK** Paperwork
Position:	070
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To identify the type and transmission of paperwork or supporting information
Syntax Notes:	1 If either PWK05 or PWK06 is present, then the other is required.
Semantic Notes:	
Comments:	1 PWK05 and PWK06 may be used to identify the addressee by a code number.
	2 PWK07 may be used to indicate special information to be shown on the specified report.
	3 PWK08 may be used to indicate action pertaining to a report.
Notes:	*1. Use this 2/PWK/070 segment to provide paperwork information that applies to a specific line item, Use the 1/PWK/210 segment to specify paperwork that is applicable to all of the line items.*
	2. Use this segment to identify paperwork required to be provided by the offeror in response to the solicitation, or paperwork that will be required under the resultant procurement instrument, or paperwork being provided as part of the solicitation and, if necessary, how that paperwork will be transmitted.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PWK01	755	**Report Type Code**	M ID 2/2

Code indicating the title or contents of a document, report or supporting item

Use to identify the type of paperwork that must be provided by the offeror or is being provided by the buying party.

25	Purchase Plan	

Use to indicate a make or buy plan.

35	Subcontractor Plan	
AE	Attachment	

Use to indicate some additional document, e.g., list of government furnished property, applicable to the solicitation is being sent by means other than within the transaction set. Specify the nature of the document in PWK07.

C1	Cost Data Summary	

Use to indicate non-certified cost and price data.

C5	Certified Cost and Price Data	
C6	Wage Determination	

		Use to indicate a Department of Labor Wage Determination. Added the following to the end of code C6 note: When used, identify the Wage Determination number in the 2/REF/100 segment using code 2Y in REF01.
	CP	Certificate of Compliance (Material Certification)
		Use to indicate a Certificate of Conformance.
	CX	Cost/Schedule Status Report (C/SSR)
		Contract status report showing budget, performance, actual, cost variance, schedule variance, budget at complete, estimate at complete, and variance at complete at specified levels of the work breakdown structure
	CY	Contract Funds Status Report (CFSR)
		Status report for funds appropriation including commitments, actual cost, forecast of billings, and estimated termination costs
	DW	Drawing(s)
	F1	Cost Performance Report (CPR) Format 1
		Detailed contract status report including current reporting month values at specified levels of the work breakdown structure
	F2	Cost Performance Report (CPR) Format 2
		Detailed contract status report at specified levels of the organization breakdown structure
	F3	Cost Performance Report (CPR) Format 3
		Contract baseline report that summarizes changes to the contract over a given reporting period with beginning and ending values
	F4	Cost Performance Report (CPR) Format 4
		Contract resource summary report that forecasts labor requirements for the remainder of a contract
	F5	Cost Performance Report (CPR) Format 5
		Contract summary or detail report explaining significant cost or schedule variances
	IT	Certified Inspection and Test Results
	KA	Contract Data Requirements List (CDRL)
		Use to indicate that attachments applicable to a Contract Data Requirements List (CDRL) will be provided.
	MR	Material Inspection and Receiving Report
	MS	Material Safety Data Sheet
	PD	Proof of Delivery
	PJ	Purchasing Specification

Specifications, generated by a customer, setting acceptance limits on the properties or performance of the product being purchased; purchasing specifications may additionally supply instructions for packaging, transportation, delivery, and payments

Use to indicate a Statement of Work (SOW).

PM	Proof of Insurance	
S9	Representation	

A statement (report) by a prospective contractor that makes a representation about a specific condition

Use to indicate a payment and performance bond.

SD   Support Data for a Request for Quote

Use to indicate that supporting technical documentation, e.g., engineering data list, bill of materials, etc., are being provided by the buying party.

SN	Shipping Notice
SP	Specification
TO	Demand Report

Use to indicate a Contract Data Requirement List (CDRL) deliverable.

UA	Union Agreement
US	"BUY AMERICA" Certification of Compliance

PWK02   756   Report Transmission Code   O   ID 1/2

Code defining timing, transmission method or format by which reports are to be sent

While any listed code can be used, code EL is preferred when the indicated paperwork can be provided electronically using one of the transaction sets specifically designed for the purpose.

BE   By Mail and Electronically

Use to indicate E-Mail.

BM   By Mail

Use to indicate transmittal via the USPS.

CF   Courier

Use to indicate transmittal via commercial express courier.

DA   Data

Use to indicate other forms of electronic transfer. When used, identify the other form in PWK07.

EL   Electronically Only

1. Use to indicate that data has been or should be sent by a separate EDI transaction set.

		2. If the data has been sent by a separate EDI transaction set, identify the unique number of the transaction set in REF02 of the 2/REF/100 segment citing code TN in REF01.		
	FX	By Fax		
	IA	Electronic Image		
		Use to indicate the World Wide Web. When used, provide the Universal Resource Locator (URL) where information is to be obtained in PWK07.		
	WS	With Shipment (With Package)		

PWK03   757   **Report Copies Needed**   **O**   **N0 1/2**

The number of copies of a report that should be sent to the addressee

The number of copies is assumed to be 1 unless a greater number is specified in this data element.

PWK04   98   **Entity Identifier Code**   **O**   **ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

Use to identify the recipient of the paperwork. If there is more than one recipient for the same paperwork item, use multiple repetitions of the PWK segment with the same report code in PWK01. Provide the address of the recipient in either the 1/N1/310 or 2/N1/340 segment and/or the communications number of the recipient in either the 1/PER/360 or 2/PER/390 segment.

44	Data Processing Service Bureau	
	Use in conjunction with PWK01 code MS to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.	
BY	Buying Party (Purchaser)	
	Use to indicate the Contracting Officer.	
IS	Party to Receive Certified Inspection Report	
	Use when PWK01 is code IT or MR.	
KF	Audit Office	
	The office performing the audit	
KG	Project Manager	
	The address of the person responsible for the management of a designated project	
	Use to indicate the government party responsible for a project including the Advisor under a Grant.	
KY	Technical Office	

Not Used   **PWK05**   66   **Identification Code Qualifier**   **X**   **ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

| Not Used | PWK06 | 67 | **Identification Code** | X | AN 2/20 |

Code identifying a party or other code

| | PWK07 | 352 | **Description** | O | AN 1/80 |

A free-form description to clarify the related data elements and their content

1. Use only if necessary to provide additional information or instructions applicable to a specific paperwork item.

2. When PWK02 is code DA, use to identify the other form of electronic transfer.

3. When PWK02 is code IA, used to identify the URL.

4. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

| | PWK08 | C002 | **Actions Indicated** | O | |

Actions to be performed on the piece of paperwork identified

| Must Use | C00201 | 704 | **Paperwork/Report Action Code** | M | ID 1/2 |

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

> 2   Report to be Filed
>
> *When PWK01 is Code CP, CX, CY, F1, F2, F3, F4, F5, IT, MR, PD, S9, SN, or TO use to indicate the specified paperwork will be required under the resultant award instrument.*

> 5   Generate
>
> *When PWK01 is Code 25, 35, C1, C5, C6, MS, PM, PP, UA, or US, use to indicate the specified paperwork must be provided in the response to this solicitation.*

> PV   Provided
>
> *When PWK01 is code AE, DW, KA, PJ, SD, or SP, use to indicate the specified paperwork will be provided by the buyer.*

| Not Used | C00202 | 704 | **Paperwork/Report Action Code** | O | ID 1/2 |

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

| Not Used | C00203 | 704 | **Paperwork/Report Action Code** | O | ID 1/2 |

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

| Not Used | C00204 | 704 | **Paperwork/Report Action Code** | O | ID 1/2 |

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Not Used   **C00205**   **704**   **Paperwork/Report Action Code**   **O ID 1/2**

Code specifying how the paperwork or report that is identified in the PWK segment relates to the transaction set or to identify the action that is required

Segment:	**PKG** Marking, Packaging, Loading
Position:	080
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	200
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	1 At least one of PKG04 PKG05 or PKG06 is required.
	2 If PKG04 is present, then PKG03 is required.
	3 If PKG05 is present, then PKG01 is required.
Semantic Notes:	1 PKG04 should be used for industry-specific packaging description codes.
Comments:	1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
	2 If PKG01 = ``F'', then PKG05 is used. If PKG01 = ``S'', then PKG04 is used. If PKG01 = ``X'', then both PKG04 and PKG05 are used.
	3 Use PKG03 to indicate the organization that publishes the code list being referred to.
	4 Special marking or tagging data can be given in PKG05 (description).
Notes:	*1. Use this 2/PKG/080 segment when packaging requirements apply to specific line items. Use the 2/PKG/450 segment if the packaging requirements apply to a named entity.*
	2. Packaging information such as the number of items in a unit container; the number of unit containers in a intermediate container; a requirement for palletized loads or shrink wrap; or the gross weight, cube and dimensions of a unit container or an intermediate container, is carried in the 2/PO4/090 segment.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PKG01	349	**Item Description Type**	X ID 1/1

Code indicating the format of a description

F		Free-form
S		Structured (From Industry Code List)
X		Semi-structured (Code and Text)

Ref. Des.	Data Element	Name	Attributes
PKG02	753	**Packaging Characteristic Code**	O ID 1/5

Code specifying the marking, packaging, loading and related characteristics being described

Use the listed codes to identify the applicable packaging requirements.

CD		Cleaning or Drying Procedure
CT		Cushioning Thickness
CUD		Cushioning and Dunnage
HM		Hazardous Material
IC		Intermediate Container

	LP	Level Of Preservation
	OPI	Optional Procedure Indicator
	PK	Packing

When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas shipments via surface; the second position signifies Level B packing for Overseas shipments via a freight forwarder, APO/FPO or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is acceptable, cite MIL-STD 2073 -2C code X in PKG04.

	PM	Preservation Method
	PML	Preservation Material
	SMK	Special Marking
	UC	Unit Container
	UCL	Unit Container Level
	WM	Wrapping Material

PKG03   **559**   **Agency Qualifier Code**   **X   ID 2/2**

Code identifying the agency assigning the code values

	DF	Department of Defense (DoD)
	GS	General Services Administration (GSA)
		Responsible for Federal Specification
	ZZ	Mutually Defined

Use to indicate a federal activity other than DoD or GSA.

PKG04   **754**   **Packaging Description Code**   **X   AN 1/7**

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product

1. The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD 2073-2C).

2. When the offeror is to select the appropriate requirement or method associated with a packaging characteristic code, insert "Y" or "YY" (dependent on the number of positions in the code).

3. Insert "Z" or "ZZ" (dependent on the number of positions in the code) to indicate that supplementary or special requirements apply to a packaging characteristic which are not represented by a code listed in MIL-STD 2073-2C. Use PKG05 to provide the supplemental or special requirement information.

4. When the requirement associated with a packaging characteristic code is included as part of the requirements defined for the preservation method code, insert either "X" or "XX" (dependent on the number of positions in the code).

5. Whenever a code used in PKG04 requires an explanation or additional information, provide it in PKG05.

| | PKG05 | 352 | **Description** | **X** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

1. Use to provide Supplemental Instructions or Special Packaging Instructions. If the information to be provided exceeds the maximum length of this data element, provide the information in the N9 loop, using code KD in N901.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

| **Not Used** | PKG06 | 400 | **Unit Load Option Code** | **X** | **ID 2/2** |

Code identifying loading or unloading a shipment

Segment:	**PO4** Item Physical Details	
Position:	090	
Loop:	PO1 Mandatory	
Level:	Detail	
Usage:	Optional	
Max Use:	>1	
Purpose:	To specify the physical qualities, packaging, weights, and dimensions relating to the item	

Syntax Notes:	**1**	If either PO402 or PO403 is present, then the other is required.
	2	If PO405 is present, then PO406 is required.
	3	If either PO406 or PO407 is present, then the other is required.
	4	If either PO408 or PO409 is present, then the other is required.
	5	If PO410 is present, then PO413 is required.
	6	If PO411 is present, then PO413 is required.
	7	If PO412 is present, then PO413 is required.
	8	If PO413 is present, then at least one of PO410 PO411 or PO412 is required.

Semantic Notes:

Comments:	**1**	PO403 - The "Unit of Measure Code" (Element #355) in this segment position is for purposes of defining the pack (PO401) /size (PO402) measure which indicates the quantity in the inner pack unit. Example: If the carton contains 24 12-Ounce packages, it would be described as follows: Element 356 = 24; Element 357 = 12; Element 355 = OZ.
	2	PO413 defines the unit of measure for PO410, PO411, and PO412.

Notes: *1. Use this segment to specify the weight, cube, or dimensions of the unit or intermediate pack, or the unit pack quantity or intermediate container quantity; to indicate that palletized loads are required; or to indicate that shrink wrap is required. To specify the unit pack quantity, use PO401 and PO404 (code UNT). If there are 50 pairs in a unit container, PO401 would cite 50 and PO404 would cite code UNT.*

2. If it is necessary to specify not only the quantity of items in a unit container, but also the size and unit of measure of those items, use PO401, PO402, PO403, and PO404. In this instance, if there are 24, 12 ounce bottles in the unit container, PO401 would cite 24, PO402 would cite 12, PO403 would cite code OZ and PO404 would cite code UNT. In either of these examples, the number of unit containers in an intermediate container would be carried in PO414. If only the quantity per intermediate container is required, use code INT in PO404 and cite the quantity in PO414.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PO401	**356**	**Pack**	**O N0 1/6**
		Number of inner pack units per outer pack unit	
		1. Use to identify the unit pack quantity.	

2. Cite the number 777777 to indicate a bulk quantity (MIL-STD 2073 -2C code BLK).

3. Cite the number 888888 to indicate "Packager's option as long as all other requirements are met" (MIL-STD 2073-2C code YYY).

4. Cite the number 999999 to indicate "Special requirements - refer to supplemental data , special instructions or drawings provided" (MIL -STD 2073-2C code ZZZ).

PO402	**357**	**Size**	**X**	**R 1/8**

Size of supplier units in pack

Use only to identify the size of the individual items within a unit container.

PO403	**355**	**Unit or Basis for Measurement Code**	**X**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

PO404	**103**	**Packaging Code**	**O**	**AN 3/5**

Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material

INT	Intermediate Container
PAF	Pallet - 4 Way
	A pallet that permits entry of handling equipment on each of its four sides
PAT	Pallet - 2 Way
	A pallet that permits entry of handling equipment on opposing two of its four sides
SRW	Shrink Wrap
	In packaging, a method of securing a unit load by placing a large "bag" of plastic film over the components and applying heat to induce shrinkage and cause the bag to tighten around the contents
UNT	Unit
	Use to indicate the unit container.

PO405	**187**	**Weight Qualifier**	**O**	**ID 1/2**

Code defining the type of weight

Use any code other than code Z.

Refer to 003050 Data Element Dictionary for acceptable code values.

PO406	**384**	**Gross Weight per Pack**	**X**	**R 1/9**

Numeric value of gross weight per pack

Use this data element to specify the weight of a container. The weight shall be provided to 1 decimal place.

PO407   **355**   **Unit or Basis for Measurement Code**   **X**   **ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

PO408   **385**   **Gross Volume per Pack**   **X**   **R 1/9**

Numeric value of gross volume per pack

Use this data element to specify the cube of a container. The cube shall be provided to 3 decimal places.

PO409   **355**   **Unit or Basis for Measurement Code**   **X**   **ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

PO410   **82**   **Length**   **X**   **R 1/8**

Largest horizontal dimension of an object measured when the object is in the upright position

PO411   **189**   **Width**   **X**   **R 1/8**

Shorter measurement of the two horizontal dimensions measured with the object in the upright position

PO412   **65**   **Height**   **X**   **R 1/8**

Vertical dimension of an object measured when the object is in the upright position

Use to specify the depth of the container.

PO413   **355**   **Unit or Basis for Measurement Code**   **X**   **ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

PO414   **810**   **Inner Pack**   **O**   **N0 1/6**

Number of units in each selling pack

1. Use to specify the quantity of unit containers in an intermediate container.

2. Cite the number 666666 to indicate "See appendix B, MIL-STD 2073 -1B" (MIL-STD 2073-2C code AAA).

3. Cite the number 777777 to indicate "See method of preservation" (MIL-STD 2073-2C code XXX).

4. Cite the number 888888 to indicate "Packer's option as long as all other requirements are met" (MIL-STD 2073-2C code YYY).

5. Cite the number 999999 to indicate "Special requirements - see specific drawings or instructions provided" (MIL-STD 2073-2C code ZZZ).

Segment:	**REF** Reference Numbers			
Position:	100			
Loop:	PO1	Mandatory		
Level:	Detail			
Usage:	Optional			
Max Use:	>1			
Purpose:	To specify identifying numbers.			
Syntax Notes:	1	At least one of REF02 or REF03 is required.		
Semantic Notes:				
Comments:				
Notes:	*Use the 2/REF/100 segment to identify reference numbers that apply to a specific line item. Use the 1/REF/050 segment to identify reference numbers that apply to all of the line items.*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	REF01	128	**Reference Number Qualifier**	M ID 2/2

Code qualifying the Reference Number.

16	Military Interdepartmental Purchase Request (MIPR) Number
	A specific form used to transmit obligation authority (dollars) and requirements between a service or agency requiring a purchase and a military service or agency responsible for procuring the requirement
2E	Foreign Military Sales Case Number
	A reference number designating the foreign military sale records
	Use to indicate a Foreign Military Sale.
2Y	Wage Determination
	Use to indicate a Department of Labor Wage Determination number. Use if the Wage Determination is passed by reference only or to identify the Wage Determination passed by some other means identified in the PWK segment.
73	Statement of Work (SOW)
	Description of a product or service to be procured under a contract; statement of requirements
	Use to indicate the Statement of Work (SOW) number applicable to this line item. If a SOW is part of this solicitation, the PWK segment can be used to indicate how the SOW is being provided.
82	Data Item Description (DID) Reference
	Specific data elements that the government will ask a contractor to provide and are spelled out in specific

requirement documents

| 83 | Extended (or Exhibit) Line Item Number (ELIN) |

Identifies specific line items to be delivered for a contract

| 97 | Package Number |

A serial number indicating unit shipped

| 9G | Department of Defense Form 250 Requirement Code |

Use to indicate the inspection and acceptance requirements for a data item specified on the Contract Data Requirements List.

| CT | Contract Number |

Use to indicate an existing contractual instrument applicable to this solicitation.

| DG | Drawing Number |

| EV | Receiver Identification Number |

A unique number identifying the organization/site location designated to receive the current transmitted transaction set

Use to identify the requiring office, i.e., the technical office responsible for ensuring adequacy of the data required on a Contract Data Requirements List. Use an abbreviation of the activity, e.g., NICP, Navy Inventory Control Point.

| IJ | Standard Industry Classification (SIC) Code |

Use to indicate the Standard Industry Classification code applicable to a line item.

| IL | Internal Order Number |

Use to indicate the requisition (MILSTRIP/FEDSTRIP document) number.

| IQ | End Item |

Use to specify an end item to which the solicited item pertains.

| IX | Item Number |

Use to indicate a Federal Supply Schedule (FSS) special item number.

| K0 | Approval Code |

Use to indicate the approval code on a Contract Data Requirements List.

| KL | Contract Reference |

For a Contract Data Requirements List data item, use to indicate the reference in the contract that generates the requirement for the data item (e.g., Statement of Work paragraph).

KV	Distribution Statement Code

Use to indicate the code on a Contract Data Requirements List that specifies the distribution statement a contractor is to mark on a data item.

LT	Lot Number
LX	Qualified Products List

When IT801 is code QP, QM, or QB, use to indicate the Qualified Product List, Qualified Manufacturer List or Qualified Bidders List number.

NI	Military Standard (MIL-STD) Number
NJ	Technical Document Number
NL	Technical Order Number
P4	Project Code

Use to indicate the project number applicable to the line item.

PH	Priority Rating

Use to indicate the MILSTRIP priority rating.

QC	Product Specification Document Number
	Model designation of replacement component
RQ	Purchase Requisition No.

Use to indicate the Purchase Request (PR) number or Purchase Request Order Number (PRON). When citing a Purchase Request number, concatenate the line item number with the Purchase Request number if it is necessary to transmit both numbers.

RS	Returnable Container Serial Number
S2	Military Specification Number (MILSPEC)
S3	Specification Number

Use to indicate a specification number other than a Military Specification (MIL-SPEC). When used, cite the specification number in REF02 and identify the issuing activity in REF03.

TN	Transaction Reference Number

1. Use to indicate the unique reference number of a related transaction set (e.g. an 841 transaction set carrying a related technical specification or drawing). Each transaction set has a unique number. In the case of the 841 transaction set, that number is carried in SPI02.

2. When used, cite the related transaction set's unique number in REF02 and cite the X12

TP	Test Specification Number	
VQ	Related Contract Line Item Number	

Use to indicate a line item in the solicitation to which this line item pertains.

VW	Standard	

Use to indicate a standard other than a Military Standard (MIL-STD). When used, cite the standard number in REF02, e.g., ASTM D3951, and, if necessary, further identify the standard in REF03.

W2	Weapon System Number	

Identifies a weapon system

Use to indicate the Weapon System code.

W6	Federal Supply Schedule Number	

Identifies an item with a two-digit group number, two-digit part number, and one-character section letter

W8	Suffix	

Differentiates between partial actions taken on the original transaction

Use to indicate the MILSTRIP requisition suffix number. This code can be used if there is ONLY one occurrence of the REF segment with code IL in REF01.

XE	Transportation Priority Number	

Number indicating the level of government priority associated with the transportation of a shipment

ZZ	Mutually Defined	

Use to indicate another type of reference number. When used, identify the nature of the number in REF03.

REF02	**127**	**Reference Number**	**X**	**AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

If a document has a revision or extension, the document number and the revision or extension number should be concatenated and cited in this data element.

REF03	**352**	**Description**	**X**	**AN 1/80**

A free-form description to clarify the related data elements and their content

1. Use to carry additional information related to a reference number cited in REF02.

2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment: # PER Administrative Communications Contact

Position: 110
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed
Syntax Notes:
   1   If either PER03 or PER04 is present, then the other is required.
   2   If either PER05 or PER06 is present, then the other is required.
   3   If either PER07 or PER08 is present, then the other is required.
Semantic Notes:
Comments:
Notes: *Use this segment to provide names and communication numbers for points of contact applicable to a line item and which are not associated with an address.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PER01	366	**Contact Function Code**	**M ID 2/2**

Code identifying the major duty or responsibility of the person or group named

AU	Report Authorizer	

1. Use to indicate the approver of a Contract Data Requirements List.

2. Use this code when PO106 code EF is used.

BD	Buyer Name or Department	

Use to indicate the Grants Management Specialist.

PI	Preparer	

A firm, organization, or individual who determines the tax liability from information supplied by the taxpayer

1. Use to indicate the preparer of a Contract Data Requirements List.

2. Use this code when PO106 code EF is used.

	PER02	93	**Name**	**O AN 1/35**

Free-form name

Use to identify the name of a point of contact. Last name, followed by first name, is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be used to cite the party's title.

	PER03	365	**Communication Number Qualifier**	**X ID 2/2**

Code identifying the type of communication number

AU	Defense Switched Network	

Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)

EM	Electronic Mail
FX	Facsimile
IT	International Telephone

Include the country code.

TE	Telephone

Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER04	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.

PER05	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.

AU	Defense Switched Network

Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)

EM	Electronic Mail
EX	Telephone Extension

Use only if PER03 is used citing code AU or TE.

FX	Facsimile
IT	International Telephone

Include the country code.

TE	Telephone

Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER06	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.

PER07	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

Use to identify a third communications number for the party cited in PER02.

AU	Defense Switched Network	
	Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
EM	Electronic Mail	
EX	Telephone Extension	

Use only if PER05 is used citing either code AU or TE.

FX	Facsimile
IT	International Telephone

Include the country code.

TE	Telephone

Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER08	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.

PER09	**443**	**Contact Inquiry Reference**	**O**	**AN 1/20**

Additional reference number or description to clarify a contact number

Use, if necessary, to provide the title of the party cited in PER02.

Segment:	**SAC** Service, Promotion, Allowance, or Charge Information
Position:	130
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge
Syntax Notes:	1 At least one of SAC02 or SAC03 is required.
	2 If either SAC03 or SAC04 is present, then the other is required.
	3 If either SAC06 or SAC07 is present, then the other is required.
	4 If either SAC09 or SAC10 is present, then the other is required.
	5 If SAC11 is present, then SAC10 is required.
	6 If SAC13 is present, then at least one of SAC02 or SAC04 is required.
	7 If SAC14 is present, then SAC13 is required.
Semantic Notes:	1 If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
	2 SAC05 is the total amount for the service, promotion, allowance, or charge. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
	3 SAC08 is the allowance or charge rate per unit.
	4 SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
	5 SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
	6 SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
Comments:	1 SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
	2 In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to a "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.
Notes:	*1. Use this 2/SAC/130 segments to identify services or potential non-CLIN charges that apply to a specific line item. If the services, or potential non-CLIN charges apply to all of the line items, use the 1/SAC/120 segment.*
	2. Offerors will respond in the quote with amounts and, if applicable, quantities, that apply to the services or non-CLIN charges identified in this segment.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SAC01	248	**Allowance or Charge Indicator**	M ID 1/1
			Code which indicates an allowance or charge for the service specified	

		R		Allowance Request

> *Use to comply with the mandatory nature of this data element when identifying a service or potential non-CLIN charge in SAC02 for which the bidder is to provide an amount in the offer.*

SAC02   **1300**   **Service, Promotion, Allowance, or Charge Code**   **X   ID 4/4**

Code identifying the service, promotion, allowance, or charge

Any code, other than code ZZZZ, may be used but the listed codes are preferred.

B180   Cleaning Charge
B610   Container Service Charge USA/Canada
Use to indicate a reusable container requirement.

B870   Customs Charge
C240   Disconnect Charge
C330   Distribution Fee
C370   Diversion Charge
C880   Expediting Premium
D500   Handling
D530   Hazardous Cargo Charge
D660   Hook-up charge
D820   Inside Delivery
D870   Inspection
D890   Installation and Training
D900   Installation
E340   Less Than Truckload (LTL) Charge
Use to indicate a less than carload or truckload delivery.

E400   Loading (Labor Charges)
F150   Packaging Service
F460   Postage
F560   Premium Transportation
F830   Proof of Delivery
Use to indicate a DD Form 250.

G030   Reconnect charge
G350   Rents and Leases
G470   Restocking Charge
G530   Rework
G580   Royalties
G660   Scrap Allowance
G740   Service Charge
G760   Set-up
H170   Special Tooling Charge
H430   Storage
H540   Supplemental Items

Use to indicate Contractor Acquired Parts (CAP).

H550   Surcharge
H680   Tax - Governmental
Use to indicate the offeror is required to identify the taxes applicable to the line item amount that are not included in the unit prices. The offeror is to specify the tax type in the 2/SAC/130 segment of the 843 transaction set by use of the appropriate code in SAC02. Codes H680 and H850 may not be used by the offeror for this purpose.

H850   Tax
Use to indicate the offeror is required to identify total taxes applicable to the line item amount that are included in the unit prices. The offeror will use code H850 in SAC02 of the 843 transaction set to identify these total taxes.

H990   Testing Services Charge
I260   Transportation Direct Billing
I380   Unloading (Labor Charges)
I590   Warranties

Refer to 003050 Data Element Dictionary for acceptable code values.

Not Used	SAC03	559	**Agency Qualifier Code**	X	ID 2/2
			Code identifying the agency assigning the code values		
Not Used	SAC04	1301	**Agency Service, Promotion, Allowance, or Charge Code**	X	AN 1/10
			Agency maintained code identifying the service, promotion, allowance, or charge		
Not Used	SAC05	610	**Amount**	O	N2 1/15
			Monetary amount		
Not Used	SAC06	378	**Allowance/Charge Percent Qualifier**	X	ID 1/1
			Code indicating on what basis allowance or charge percent is calculated		
Not Used	SAC07	332	**Percent**	X	R 1/6
			Percent expressed as a percent		
Not Used	SAC08	118	**Rate**	O	R 1/9
			Rate expressed in the standard monetary denomination for the currency specified		
Not Used	SAC09	355	**Unit or Basis for Measurement Code**	X	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
Not Used	SAC10	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
Not Used	SAC11	380	**Quantity**	O	R 1/15
			Numeric value of quantity		
Not Used	SAC12	331	**Allowance or Charge Method of Handling Code**	O	ID 2/2

Code indicating method of handling for an allowance or charge

| Not Used | SAC13 | 127 | **Reference Number** | X | **AN 1/30** |

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

| Not Used | SAC14 | 770 | **Option Number** | O | **AN 1/20** |

A unique number identifying available promotion or allowance options when more than one is offered

| Not Used | SAC15 | 352 | **Description** | O | **AN 1/80** |

A free-form description to clarify the related data elements and their content

Segment:	**IT8** Conditions of Sale
Position:	140
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	25
Purpose:	To specify general conditions or requirements and to detail conditions for substitution of alternate products

Syntax Notes:
1. At least one of IT801 IT802 IT803 IT805 or IT807 is required.
2. If either IT808 or IT809 is present, then the other is required.
3. If either IT810 or IT811 is present, then the other is required.
4. If either IT812 or IT813 is present, then the other is required.
5. If either IT814 or IT815 is present, then the other is required.
6. If either IT816 or IT817 is present, then the other is required.
7. If either IT818 or IT819 is present, then the other is required.
8. If either IT820 or IT821 is present, then the other is required.
9. If either IT822 or IT823 is present, then the other is required.
10. If either IT824 or IT825 is present, then the other is required.
11. If either IT826 or IT827 is present, then the other is required.

Semantic Notes:
1. IT803 is the maximum monetary amount value which the order must not exceed.
2. IT804 is the account number to which the purchase amount is to be charged.
3. IT805 is the date specified by the sender to be shown on the invoice.

Comments:
1. Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of ID's.
2. IT808 through IT827 provides for ten (10) different product/service ID's for each item. Example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Notes: *Use the 2/IT8/140 segment to specify conditions of sale that apply to a specific line item. If the conditions of sale apply to all of the line items, use the 1/CSH/110 segment.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
IT801	**563**	**Sales Requirement Code**	**X ID 1/2**

Code to identify a specific requirement or agreement of sale

BC	Restricted to Historically Black College or University or Minority Institution
C	Consignment
	Use to indicate an Indian (Native American) preference.
EI	Restricted to Educational Institutions
IP	Restricted to Industrial Preparedness Program Participants
IS	Substitute Item Allowed

			Use to indicate substitute items, including "or equal" items. To specify an "or equal" item, use code X in IT807 in conjunction with this code.		
	P2		Ship As Soon As Possible		
			Use only with DTM01 code 996.		
	P4		Do Not Preship		
			Use only when DTM01 is code 064 or 106; or when LDT01 is code AY		
	QB		On Qualified Bidders List		
	QM		On Qualified Manufacturers List		
	QP		Restricted to Qualified Products List (QPL) Products		
	SC		Ship Complete		
			Use to indicate partial shipments will not be accepted.		
	SV		Ship Per Release		
			Use to indicate the item will be shipped in-place.		
	UC		Restricted to U.S. and Canadian Sources		
	UL		Other Unlisted Sales Condition		
			When used, identify the other condition in the 2/N9/320 loop using code KD in N901.		
	UP		Unrestricted Procurement		
	YI		Restricted to Young Investigator Program		
	Z		Mutually Defined		
			Use to indicate a warranty is required.		

Not Used	IT802	564	**Do-Not-Exceed Action Code**	X	ID 1/1
			Code indicating the action to be taken if the order amount exceeds the value of Do-Not-Exceed Amount (565)		
Not Used	IT803	610	**Amount**	X	N2 1/15
			Monetary amount		
Not Used	IT804	508	**Account Number**	O	AN 1/35
			Account number assigned		
Not Used	IT805	373	**Date**	X	DT 6/6
			Date (YYMMDD)		
Not Used	IT806	559	**Agency Qualifier Code**	O	ID 2/2
			Code identifying the agency assigning the code values		
	IT807	566	**Product/Service Substitution Code**	X	ID 1/2
			Code indicating product or service substitution conditions		
			Use only when IT801 is Code IS to indicate any conditions applicable to offering a substitute product.		

A		No Quantity or Unit of Measure Change Allowed
B0		No Substitution Allowed

			Use only when IT801 does not cite code IS.		
		X	Equivalent Item Substitution		
			Use to indicate an "or equal" item.		
		Y	Alternate Item Substitution Allowed		
Not Used	**IT808**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**IT809**	**234**	**Product/Service ID**	**X**	**AN 1/40**
			Identifying number for a product or service		
Not Used	**IT810**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**IT811**	**234**	**Product/Service ID**	**X**	**AN 1/40**
			Identifying number for a product or service		
Not Used	**IT812**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**IT813**	**234**	**Product/Service ID**	**X**	**AN 1/40**
			Identifying number for a product or service		
Not Used	**IT814**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**IT815**	**234**	**Product/Service ID**	**X**	**AN 1/40**
			Identifying number for a product or service		
Not Used	**IT816**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**IT817**	**234**	**Product/Service ID**	**X**	**AN 1/40**
			Identifying number for a product or service		
Not Used	**IT818**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**IT819**	**234**	**Product/Service ID**	**X**	**AN 1/40**
			Identifying number for a product or service		
Not Used	**IT820**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
Not Used	**IT821**	**234**	**Product/Service ID**	**X**	**AN 1/40**
			Identifying number for a product or service		
Not Used	**IT822**	**235**	**Product/Service ID Qualifier**	**X**	**ID 2/2**
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)		

Not Used	IT823	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

Not Used	IT824	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	IT825	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

Not Used	IT826	235	**Product/Service ID Qualifier**	X	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Not Used	IT827	234	**Product/Service ID**	X	**AN 1/40**

Identifying number for a product or service

Segment:	**FOB** F.O.B. Related Instructions
Position:	180
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify transportation instructions relating to shipment
Syntax Notes:	1 If FOB03 is present, then FOB02 is required.
	2 If FOB04 is present, then FOB05 is required.
	3 If FOB07 is present, then FOB06 is required.
	4 If FOB08 is present, then FOB09 is required.
Semantic Notes:	1 FOB01 indicates which party will pay the carrier.
	2 FOB02 is the code specifying transportation responsibility location.
	3 FOB06 is the code specifying the title passage location.
	4 FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.
Comments:	
Notes:	*1. Use this 2/FOB/180 segment to specify the FOB point and acceptance location for a specific line item. Use the 1/FOB/080 segment to specify an FOB point and acceptance location that applies to all of the line items.*
	2. This segment is not used when the solicitation is for a service without deliverables or construction.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	FOB01	146	**Shipment Method of Payment**	M ID 2/2

Code identifying payment terms for transportation charges

     BP   Paid by Buyer

                 The buyer agrees to the transportation payment term requiring the buyer to pay transportation charges to a specified location (origin or destination location)

                 Use to indicate a Government Bill of Lading (GBL) will be issued.

     PE   Prepaid and Summary Bill

                 Use when transportation charges are to be prepaid by the seller, are not included in the unit price, and are to be invoiced periodically.

     PP   Prepaid (by Seller)

                 Use to indicate that transportation charges are not included in the unit price but are prepaid and are to be added as a separate item on the award instrument's invoice.

			PS	Paid by Seller		

The seller agrees to the transportation payment term requiring the seller to pay transportation charges to a specified location (origin or destination location)

Use to indicate transportation charges are included in the unit price.

	FOB02	**309**	**Location Qualifier**		**X**	**ID 1/2**

Code identifying type of location

Use to identify the FOB point.

	DE	Destination (Shipping)
	FV	Free Alongside Vessel (Free On Board [F.O.B.] Point)
	IT	Intermediate FOB Point

A location indicating the point of destination is not the origin or final destination but rather at some other point

Use to indicate the FOB point is a freight forwarder. Provide the address in the N1 loop, citing code IC in N101.

	KE	Port of Embarkation

Use to indicate that the FOB Point is an overseas port of embarkation, either aerial or water, for delivery of Government furnished completed end items. Provide the address in the N1 loop, citing code KX in N101.

	KL	Port of Loading

Use to indicate that the FOB Point is a port of loading. Provide the address in the N1 loop, citing code KX in N101.

	OR	Origin (Shipping Point)
	W	Worldwide Geographic Location Code

Use to indicate the FOB point for deliveries within the continental United States is destination and the FOB point for deliveries outside the continental United States is origin.

	ZZ	Mutually Defined

Use to indicate an Other FOB point, i.e., neither at origin nor at destination. Provide the address in the N1 loop, citing code KX in N101.

Not Used	**FOB03**	**352**	**Description**	**O**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Not Used	**FOB04**	**334**	**Transportation Terms Qualifier Code**	**O**	**ID 2/2**

Code identifying the source of the transportation terms

| Not Used | FOB05 | 335 | **Transportation Terms Code** | | **X** | **ID 3/3** |

Code identifying the trade terms which apply to the shipment transportation responsibility

| | FOB06 | 309 | **Location Qualifier** | | **X** | **ID 1/2** |

Code identifying type of location

Use to identify the acceptance point. This code also identifies the inspection location when it is the same as the acceptance point.

			DE	Destination (Shipping)
			OR	Origin (Shipping Point)
			ZZ	Mutually Defined

1. Use to indicate the acceptance point is neither at origin nor at destination. When both the acceptance and inspection points are the same location but neither origin nor destination, use the 2/N1/350 loop, citing code 7M in N101.

2. When both the acceptance and inspection points are at different locations but neither are origin nor destination, use the 2/N1/350 loop to provide the acceptance point address, citing code KZ in N101 and the inspection point in another iteration of the N1 loop, citing code L1 in N101.

| Not Used | FOB07 | 352 | **Description** | | **O** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

| Not Used | FOB08 | 54 | **Risk of Loss Qualifier** | | **O** | **ID 2/2** |

Code specifying where responsibility for risk of loss passes

| Not Used | FOB09 | 352 | **Description** | | **X** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

Segment:	**SDQ** Destination Quantity		
Position:	190		
Loop:	PO1	Mandatory	
Level:	Detail		
Usage:	Optional		
Max Use:	50		
Purpose:	To specify destination and quantity detail		
Syntax Notes:	1	If either SDQ05 or SDQ06 is present, then the other is required.	
	2	If either SDQ07 or SDQ08 is present, then the other is required.	
	3	If either SDQ09 or SDQ10 is present, then the other is required.	
	4	If either SDQ11 or SDQ12 is present, then the other is required.	
	5	If either SDQ13 or SDQ14 is present, then the other is required.	
	6	If either SDQ15 or SDQ16 is present, then the other is required.	
	7	If either SDQ17 or SDQ18 is present, then the other is required.	
	8	If either SDQ19 or SDQ20 is present, then the other is required.	
	9	If either SDQ21 or SDQ22 is present, then the other is required.	
Semantic Notes:	1	SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.	
Comments:	1	SDQ02 is used only if different than previously defined in the transaction set.	
	2	SDQ03 is the store number.	
	3	SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.	
Notes:	*Use this segment when known quantities of the line item are to be delivered to multiple locations, on the same date, and the locations can be identified by a DUNs number, a CAGE code, a DoDAAC, or a MAPAC.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**SDQ01**	355	**Unit or Basis for Measurement Code**	**M ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ, but it must be the same code as specified in PO103.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

Refer to 003050 Data Element Dictionary for acceptable code values.

	SDQ02	66	**Identification Code Qualifier**	**O ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.

		1	D-U-N-S Number, Dun & Bradstreet		

Use of the DUNs or DUNS+4 number is preferred over other codes to identify an entity.

		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix		

Use of the DUNS or DUNS+4 number is preferred over other codes to identify an entity.

		10	Department of Defense Activity Address Code (DODAAC)		

Use to indicate either a Department of Defense or Civilian Agency Activity Address Code.

		33	Commercial and Government Entity (CAGE)		
		A2	Military Assistance Program Address Code (MAPAC)		

Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity

Must Use	SDQ03	67	**Identification Code**	M	AN 2/20
			Code identifying a party or other code		
Must Use	SDQ04	380	**Quantity**	M	R 1/15
			Numeric value of quantity		
	SDQ05	67	**Identification Code**	X	AN 2/20
			Code identifying a party or other code		
	SDQ06	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
	SDQ07	67	**Identification Code**	X	AN 2/20
			Code identifying a party or other code		
	SDQ08	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
	SDQ09	67	**Identification Code**	X	AN 2/20
			Code identifying a party or other code		
	SDQ10	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
	SDQ11	67	**Identification Code**	X	AN 2/20
			Code identifying a party or other code		
	SDQ12	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
	SDQ13	67	**Identification Code**	X	AN 2/20
			Code identifying a party or other code		
	SDQ14	380	**Quantity**	X	R 1/15
			Numeric value of quantity		
	SDQ15	67	**Identification Code**	X	AN 2/20

Code identifying a party or other code

	SDQ16	380	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity		
	SDQ17	67	**Identification Code**	**X**	**AN 2/20**
			Code identifying a party or other code		
	SDQ18	380	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity		
	SDQ19	67	**Identification Code**	**X**	**AN 2/20**
			Code identifying a party or other code		
	SDQ20	380	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity		
	SDQ21	67	**Identification Code**	**X**	**AN 2/20**
			Code identifying a party or other code		
	SDQ22	380	**Quantity**	**X**	**R 1/15**
			Numeric value of quantity		
Not Used	SDQ23	310	**Location Identifier**	**O**	**AN 1/30**
			Code which identifies a specific location		

Segment:	**DTM** Date/Time Reference			

Segment: **DTM** Date/Time Reference

Position:	200
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required.
	2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	*1. Use this 2/DTM/200 segment to provide actual dates applicable to the line item. Use the 1/DTM/150 segment when the date applies to all of the line items.*
	2. Use this segment for delivery information when the required delivery can be specified as an actual date. If the required delivery is expressed as a set time period after the occurrence of some event, use the 2/LDT/302 loop or the 2/LDT/470 loop if the delivery schedule is applicable to a named entity.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M ID 3/3

Code specifying type of date or time, or both date and time

002	Delivery Requested
	Use to indicate that delivery is being requested earlier than required by a basic award instrument.
007	Effective
	Use with codes RD6 or RD8 in DTM06 to indicate the ordering period for a line item, e.g., a provisioned item. Specify the date range in DTM07.
017	Estimated Delivery
063	Do Not Deliver After
	Use to indicate that deliveries cannot be made after a specified date and/or time.
064	Do Not Deliver Before
	Use to indicate that deliveries cannot be made before a specified date and/or time.
077	Requested for Delivery (Week of)
	When this code is used, cite the beginning day of the week.
106	Required By
	Use to indicate delivery is required exactly on the

		date specified.
174	Month Ending	
		Use to indicate delivery is required within the specified month. In DTM02, identify the month and cite the last calendar day of the month.
193	Period Start	
		Use to indicate the start of a period of performance or lease.
194	Period End	
		Use to indicate the end of a period of performance or lease.
275	Approved	
	Date report was approved by contractor representative	
		Use to indicate the approval date of Contract Data Requirements List.
368	Submittal	
	Date an item was submitted to a customer	
		When REF01 is code TN, use to indicate the date of a related transaction set.
375	Delivery Start	
	The date that deliveries will begin	
		Use to indicate the start date/time for deliveries when the total quantity is to be delivered during a specified period.
376	Delivery End	
	The date that deliveries will end	
		Use to indicate the end date/time when the total quantity is to be delivered during a specified period.
405	Production	
	Used to identify dates and times that operations or processes were performed	
		Use to indicate the preparation date of a Contract Data Requirements List.
565	Date of Property Inspection	
		Use to indicate the date of a site or property inspection.
600	As Of	
		Use to indicate the "as of" date for submission of data.
601	First Submission	
		Use to indicate the date of the first submission of a data item specified by a Contract Data

			Requirements List.

	602	Subsequent Submission
		Use to indicate the date(s) of a subsequent submission(s) of a data item specified by a Contract Data Requirements List.
	641	Option
		Use with DTM02 to indicate the last date for the exercise of an option or with DTM06/07 to indicate the period during which the option may be exercised.
	937	Department of Labor Wage Determination Date
		Use to indicate the date of a Department of Labor Wage Determination. If revisions or modifications are applicable to a Wage Determination, cite the date of the most recent revision or modification in DTM02.
	996	Required Delivery
		A date on which or before, ordered goods or services must be delivered
		Use to indicate delivery is required on or before the specified date.

DTM02 373 **Date** **X DT 6/6**

Date (YYMMDD)

DTM03 337 **Time** **X TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

If applicable, use to identify the time for a delivery. Specify time only in the HHMM format.

DTM04 623 **Time Code** **O ID 2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

	CT	Central Time
	ET	Eastern Time
	GM	Greenwich Mean Time
	LT	Local Time
	MT	Mountain Time
	PT	Pacific Time

DTM05 624 **Century** **O N0 2/2**

The first two characters in the designation of the year (CCYY)

DTM06	**1250**	**Date Time Period Format Qualifier**	**X**	**ID 2/3**

Code indicating the date format, time format, or date and time format

1. Use any code.

2. Use to qualify a date when it is necessary to express the date in other than YYMMDD format.

3. Use also to qualify a range of dates or times. Use of code RD6 or RD8 is preferred for expressing a date range.

Refer to 003050 Data Element Dictionary for acceptable code values.

DTM07	**1251**	**Date Time Period**	**X**	**AN 1/35**

Expression of a date, a time, or range of dates, times or dates and times

When used to identify a time range for deliveries on a specified date, use code RTM in DTM06 to qualify a delivery time range, e.g., for March 30, 1994 between 1:00 PM and 4:00 PM local time. Use DTM01/02 to convey the March 30, 1994 date.

Segment:		**TD5** Carrier Details (Routing Sequence/Transit Time)		

Position: 250
Loop: PO1   Mandatory
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:
1. At least one of TD502 TD504 TD505 TD506 or TD512 is required.
2. If TD502 is present, then TD503 is required.
3. If TD507 is present, then TD508 is required.
4. If TD510 is present, then TD511 is required.

Semantic Notes:
Comments:
1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Notes: *Use this/TD5/250 segment to specify the transportation method that is applicable to a specific line item. Use the 2/TD5/420 segment if the transportation method for the line item applies to a named entity.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Not Used	**TD501**	133	**Routing Sequence Code**	**O**	**ID 1/2**
			Code describing the relationship of a carrier to a specific shipment movement		
	TD502	66	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
		10	Department of Defense Activity Address Code (DODAAC)		
			When TD504 is code PL, use to indicate the DoDAAC of the pipeline.		
	TD503	67	**Identification Code**	**X**	**AN 2/20**
			Code identifying a party or other code		
	TD504	91	**Transportation Method/Type Code**	**X**	**ID 1/2**
			Code specifying the method or type of transportation for the shipment		

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

D   Parcel Post
Use to indicate the US Postal Service and not a private carrier.

Refer to 003050 Data Element Dictionary for acceptable code values.

| Not Used | TD505 | 387 | **Routing** | **X** | **AN 1/35** |

Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

| Not Used | TD506 | 368 | **Shipment/Order Status Code** | **X** | **ID 2/2** |

Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction

| Not Used | TD507 | 309 | **Location Qualifier** | **O** | **ID 1/2** |

Code identifying type of location

| Not Used | TD508 | 310 | **Location Identifier** | **X** | **AN 1/30** |

Code which identifies a specific location

| Not Used | TD509 | 731 | **Transit Direction Code** | **O** | **ID 2/2** |

The point of origin and point of direction

| Not Used | TD510 | 732 | **Transit Time Direction Qualifier** | **O** | **ID 2/2** |

Code specifying the value of time used to measure the transit time

| Not Used | TD511 | 733 | **Transit Time** | **X** | **R 1/4** |

The numeric amount of transit time

| | TD512 | 284 | **Service Level Code** | **X** | **ID 2/2** |

Code defining service

Use any code other than code ZZ.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**TD4** Carrier Details (Special Handling or Hazardous Materials or Both)
Position:	270
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	5
Purpose:	To specify transportation special handling requirements, or hazardous materials information, or both
Syntax Notes:	1 At least one of TD401 TD402 or TD404 is required.
	2 If TD402 is present, then TD403 is required.
Semantic Notes:	
Comments:	
Notes:	*Use this 2/TD4/270 segment to provide special handling or hazardous material information that applies to a specific line item. Use the 2/TD4/440 segment when the information applies to a named entity.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
TD401	152	**Special Handling Code**	**X ID 2/3**

Code specifying special transportation handling instructions

Any code, other than code ZZZ, may be used but the listed codes are preferred.

AMM   A.M. Delivery Requirement
DA   Dangerous
EP   Expedite
EX   Explosive Flammable Gas
FG   Flammable Gas
FL   Flammable
FP   Flammable Poison Gas
HM   Endorsed as Hazardous Material
LT   Less Than Full Carload
LTT   Less Than Truckload
NC   Notify Consignee Before Delivery
PG   Poisonous Gas
PMM   P.M. Delivery Requirement

Refer to 003050 Data Element Dictionary for acceptable code values.

TD402	208	**Hazardous Material Code Qualifier**	**X ID 1/1**

Code which qualifies the Hazardous Material Class Code (209)

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

TD403	209	**Hazardous Material Class Code**	**X AN 2/4**

Code specifying the kind of hazard for a material

TD404	352	**Description**	**X AN 1/80**

A free-form description to clarify the related data elements and their content

Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**MAN** Marks and Numbers
Position:	280
Loop:	PO1 Mandatory
Level:	Detail
Usage:	Optional
Max Use:	10
Purpose:	To indicate identifying marks and numbers for shipping containers

Syntax Notes:	1	If either MAN04 or MAN05 is present, then the other is required.
	2	If MAN06 is present, then MAN05 is required.

Semantic Notes:	1	MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.
	2	When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.
	3	When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.

Comments:	1	When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shippping Container code is the same on every carton that is represented in the range in MAN05/MAN06.
	2	MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.

Notes:	*1. Use this 2/MAN/280 segment to identify marks and numbers that apply to a specific line item. Use the 1/MAN/270 segment to identify marks and numbers that apply to all of the line items.*
	2. Use to identify such data as MILSTRIP/FEDSTRIP number, Transportation Control number, Project Priority number, and consignee related codes.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	MAN01	88	**Marks and Numbers Qualifier**	M	ID 1/2
			Code specifying the application or source of Marks and Numbers (87)		
			L Line Item Only		
Must Use	MAN02	87	**Marks and Numbers**	M	AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN03	87	**Marks and Numbers**	O	AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN04	88	**Marks and Numbers Qualifier**	X	ID 1/2
			Code specifying the application or source of Marks and Numbers (87)		
			L Line Item Only		
	MAN05	87	**Marks and Numbers**	X	AN 1/45
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN06	87	**Marks and Numbers**	O	AN 1/45

Marks and numbers used to identify a shipment or parts of a shipment

Segment:	**RRA** Required Response			
Position:	290			
Loop:	PO1	Mandatory		
Level:	Detail			
Usage:	Optional			
Max Use:	25			
Purpose:	To indicate information that is required to be included in the response			
Syntax Notes:				
Semantic Notes:	1 Use RRA02 only to specify applicable regulatory or contractual clause.			
Comments:				
Notes:	*Use this 2/RRA/290 segment to indicate to prospective offerors that information, applicable to a specific line item, must be provided with their proposal, e.g., a certification, a representation or fill-in information. Use the 1/RRA/280 segment when the information offerors are to provide applies to all of the line items.*			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**RRA01**	**701**	**Information Type**	**M ID 2/2**

Code specifying the information required in the response

14 As Indicated by the Cited Reference

> *Use to indicate the reference number that requires an offeror to provide a certification, representation or other information. This reference number will be a clause number or some unique reference number previously provided to offerors.*

	Ref. Des.	Data Element	Name	Attributes
	RRA02	**127**	**Reference Number**	**O AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

Segment:	**MSG** Message Text	
Position:	295	
Loop:	PO1	Mandatory
Level:	Detail	
Usage:	Optional	
Max Use:	1000	
Purpose:	To provide a free form format that would allow the transmission of text information.	
Syntax Notes:		
Semantic Notes:		
Comments:	**1** MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.	
Notes:	*1. Use to provide any plain text information not associated with a lead time, a clause, or an address.*	
	2. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	MSG01	933	**Free-Form Message Text**	**M AN 1/264**
			Free-form message text	
Not Used	MSG02	934	**Printer Carriage Control Code**	**O ID 2/2**
			A field to be used for the control of the line feed of the receiving printer	

Segment:		**SPI** Specification Identifier		
Position:		296		
Loop:		PO1	Mandatory	
Level:		Detail		
Usage:		Optional		
Max Use:		>1		
Purpose:		To provide a description of the included specification or technical data items		
Syntax Notes:		1	If either SPI02 or SPI03 is present, then the other is required.	
Semantic Notes:				
Comments:				
Notes:		*Use this segment to identify those elements of the solicitation that are classified and to specify the level of classification.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SPI01	786	**Security Level Code**	M ID 2/2
			Code indicating the level of confidentiality assigned by the sender to the information following	
			Use to identify the level of government security classification assigned to the items identified in SPI02/03.	
			92 Government Confidential	
			93 Government Secret	
			94 Government Top Secret	
	SPI02	128	**Reference Number Qualifier**	X ID 2/2
			Code qualifying the Reference Number.	
			1. Use to identify items within the transaction set that are classified, e.g., FMS case number, drawing number, SOW, etc. Use SPI04 to further define the number or description of the item cited in SPI03, if necessary.	
			2. Use any code other than code ZZ.	
			DD Document Identification *Use to indicate an Engineering Data List.*	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
	SPI03	127	**Reference Number**	X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
	SPI04	790	**Entity Title**	O AN 1/132
			Title of the data entity	
			Use only if necessary to further define the item cited in SPI03.	
Not Used	SPI05	791	**Entity Purpose**	O AN 1/80
			The reason for the existence of the data item specified by the electronic	

data item independent of its presence in an EDI transaction

Not Used	SPI06	792	**Entity Status Code**	O	ID 1/1

Code indicating the current status of the data item specified by the electronic data item

Not Used	SPI07	353	**Transaction Set Purpose Code**	O	ID 2/2

Code identifying purpose of transaction set

Not Used	SPI08	755	**Report Type Code**	O	ID 2/2

Code indicating the title or contents of a document, report or supporting item

Not Used	SPI09	786	**Security Level Code**	O	ID 2/2

Code indicating the level of confidentiality assigned by the sender to the information following

Not Used	SPI10	559	**Agency Qualifier Code**	O	ID 2/2

Code identifying the agency assigning the code values

Not Used	SPI11	822	**Source Subqualifier**	O	AN 1/15

A reference that indicates the table or text maintained by the Source Qualifier

Not Used	SPI12	554	**Assigned Number**	O	N0 1/6

Number assigned for differentiation within a transaction set

Not Used	SPI13	1322	**Certification Type Code**	O	ID 1/1

Code indicating the type of certification

Not Used	SPI14	1401	**Proposal Data Detail Identifier Code**	O	ID 1/3

Code identifying the basis of a cited value in a proposal

Segment:	**SCH** Line Item Schedule
Position:	297
Loop:	SCH Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify the data for scheduling a specific line-item

Syntax Notes:	**1**	If SCH03 is present, then SCH04 is required.
	2	If SCH08 is present, then at least one of SCH09 or SCH10 is required.
	3	If SCH09 is present, then SCH08 is required.
	4	If SCH10 is present, then SCH08 is required.
Semantic Notes:	**1**	SCH12 is the schedule identification.
Comments:	**1**	SCH05 specifies the interpretation to be used for SCH06 and SCH07.
Notes:		*Use this 2/SCH/297 segment to identify a partial delivery when it can be specified as an actual date and there is only one ship-to addressee. If there is more than one entity receiving a partial shipment, use the 2/SCH/405 segment.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes		
Must Use	**SCH01**	**380**	**Quantity**	**M**	**R**	**1/15**
			Numeric value of quantity			
Must Use	**SCH02**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID**	**2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken			
			1. Use any code other than code ZZ.			
			2. An application program conversion table may be required to convert agency codes to ASC X12 codes.			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	**SCH03**	**98**	**Entity Identifier Code**	**O**	**ID**	**2/2**
			Code identifying an organizational entity, a physical location, or an individual			
Not Used	**SCH04**	**93**	**Name**	**X**	**AN**	**1/35**
			Free-form name			
Must Use	**SCH05**	**374**	**Date/Time Qualifier**	**M**	**ID**	**3/3**
			Code specifying type of date or time, or both date and time			

      002   Delivery Requested

            Use to indicate that delivery is requested earlier than required by a basic award instrument.

      017   Estimated Delivery

      063   Do Not Deliver After

            Use to indicate that deliveries cannot be made after a specified date and/or time.

			064	Do Not Deliver Before

Use to indicate that deliveries cannot be made before a specified date and/or time.

			077	Requested for Delivery (Week of)

When this code is used, cite the beginning day of the week.

			106	Required By

Use to indicate delivery is required exactly on the date specified.

			174	Month Ending

Use to indicate delivery is required on the last day of the specified month.

			358	Cycle Begin

Date on which the cycle begins

			375	Delivery Start

The date that deliveries will begin

Use to indicate the required start date for deliveries when the total quantity is to be delivered during a specified time period.

			996	Required Delivery

A date on which or before, ordered goods or services must be delivered

Use to indicate delivery is required on or before the specified date.

Must Use	SCH06	373	**Date**		**M**	**DT 6/6**

Date (YYMMDD)

	SCH07	337	**Time**		**O**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Use, if applicable, to identify the time for a delivery.

	SCH08	374	**Date/Time Qualifier**		**X**	**ID 3/3**

Code specifying type of date or time, or both date and time

			002	Delivery Requested

Use to indicate that delivery is requested earlier than required by a basic award instrument.

			017	Estimated Delivery
			063	Do Not Deliver After

Use to indicate that deliveries cannot be made after a specified date and/or time.

			064	Do Not Deliver Before

Use to indicate that deliveries cannot be made before a specified date and/or time.

			077	Requested for Delivery (Week of)

When this code is used, cite the beginning day of the week.

			106	Required By

Use to indicate delivery is required exactly on the date specified.

			174	Month Ending

Use to indicate delivery is required on the last day of the specified month.

			359	Cycle End

Date on which the cycle ends

			376	Delivery End

The date that deliveries will end

Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.

			996	Required Delivery

A date on which or before, ordered goods or services must be delivered

Use to indicate delivery is required on or before the specified date.

	SCH09	**373**	**Date**		**X**	**DT 6/6**

Date (YYMMDD)

	SCH10	**337**	**Time**		**X**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Use, if applicable, to identify the time for a delivery.

	SCH11	**326**	**Request Reference Number**		**O**	**AN 1/45**

Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)

Use, as applicable, to cross reference the cited line item, for example, to an RFQ or requisition number.

Not Used	**SCH12**	**350**	**Assigned Identification**		**O**	**AN 1/11**

Alphanumeric characters assigned for differentiation within a transaction set

Segment:	**LDT** Lead Time	
Position:	302	
Loop:	LDT Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To specify lead time for availability of products and services	
Syntax Notes:		
Semantic Notes:	**1** LDT04 is the effective date of lead time information.	
Comments:	**1** LDT02 is the quantity of unit of time periods.	
Notes:	*1. Use this 2/LDT/302 loop when the delivery schedule is expressed as a set time period after the occurrence of some event and varies by line item. If the delivery schedule is applicable to a named entity, use the 2/LDT/470 loop. If this segment s used, the 2/DTM/200 segment is not used to describe a delivery schedule.*	

2. The following are examples of how this LDT loop can be used to specify a delivery schedule:

Example 1: Deliver 50 each 180 days after date of order.

LDT*AY*180*DA n/l
QTY*1J*50*EA n/l

Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after date of order.

LDT*AY*180*DA n/l
QTY*1J*50*MO n/l

Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after date of order until half the order is completed, then 1000 each per month until the total order is completed.

LDT*AY*90*DA n/l
QTY*1J*2500*Q1 n/l
QTY*1K*4*Q1 n/l
LDT*AM*1*MO n/l
QTY*1J*1000*MO n/l
QTY*1K*10*MO n/l
LDT*AK*1*MO n/l
QTY*1J*500*EA n/l

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LDT01	345	Lead Time Code	M ID 2/2

Code indicating the time range

AD	From date of sample approval to first product shipment	
AH	From Date of Receipt of First Article to First Article Approval	
AI	From Date of a Specified Event to Delivery	

When this code is used, identify the specified event in the following MSG segment.

AJ	From Date of First Delivery to Date of Subsequent Delivery(ies)
AK	From Date Of Latest Delivery To Final Delivery
AM	From Date Of Previous Delivery To Date Of Subsequent Delivery
AV	From Date of Award to Date of Latest Delivery
AW	From Date of Award to Date of Earliest Delivery
AX	From Date of Award to Date of Completion

Use to indicate the completion date for a level of effort.

AY	From Date of Award to Date of Delivery
AZ	From Date of Receipt of Item to Date of Approval of Item

Must Use	**LDT02**	**380**	**Quantity**	**M R 1/15**

Numeric value of quantity

Must Use	**LDT03**	**344**	**Unit of Time Period or Interval**	**M ID 2/2**

Code indicating the time period or interval

CY	Calendar Year
DA	Calendar Days
KK	Maximum Calendar Days

Use to indicate a flexible time period, e.g., X number of days or less.

MO	Month
QY	Quarter of a Year
SA	Semiannual
WK	Weeks

	LDT04	**373**	**Date**	**O DT 6/6**

Date (YYMMDD)

Use to cite a date relevant to the lead time code. For example, the start date of the cited activity.

Segment:	**QTY** Quantity
Position:	303
Loop:	LDT Optional
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify quantity information
Syntax Notes:	
Semantic Notes:	
Comments:	
Notes:	*1. Use this segment to specify the quantity of the item that is to be delivered in accordance with a delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, week, months, quarter, years.*
	2. Use also, to indicate the length of a delivery period, e.g., 4 quarters or the number of shipments.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	QTY01	673	**Quantity Qualifier**	M ID 2/2

Code specifying the type of quantity

1J	Due	
	The amount due to the customer	
	Use to indicate the quantity to be delivered.	
1K	Time Units	
	The number of time units such as 8 (hours)	
	Use to indicate the length of the delivery period.	
52	Number of Originals	
	Use to indicate the number of regular copies of a data item on a Contract Data Requirements List that are to be delivered.	
K6	Drafts	
	Use to indicate the number of draft copies of a data item on a Contract Data Requirements List that are to be delivered.	
KF	Duplicates	
	Use to indicate the number of reproducible copies of a data item on a Contract Data requirements List that are to be delivered.	
SA	Shipments	
	Use to indicate the number of shipments expected	

to complete the deliverable quantity.

Must Use	**QTY02**	**380**	**Quantity**	**M**	**R 1/15**

Numeric value of quantity

1. When QTY01 is Code 1J, cite the quantity to be delivered.

2. When QTY01 is Code 1K, cite the length of the delivery period in this data element, e.g., 4, and in QTY03, identify the time measurement of the delivery period, e.g., months.

QTY03	**355**	**Unit or Basis for Measurement Code**	**O**	**ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

DA   Days
When QTY01 is Code 1J, use to indicate frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

MO   Months
When QTY01 is Code 1J, use to indicate the frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

Q1   Quarter (Time)
When QTY01 is Code 1J, use to indicate the frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

WK   Week
When QTY01 is Code 1J, use to indicate the frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

YR   Years
When QTY01 is Code 1J, use to indicate the frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: # MSG Message Text

Position:	304
Loop:	LDT Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To provide a free form format that would allow the transmission of text information.
Syntax Notes:	
Semantic Notes:	
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes:	***When LDT01 is Code AI, use this segment to identify the specified event.***

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	MSG01	933	**Free-Form Message Text**	M AN 1/264
			Free-form message text	
Not Used	MSG02	934	**Printer Carriage Control Code**	O ID 2/2
			A field to be used for the control of the line feed of the receiving printer	

Segment:	**LM** Code Source Information
Position:	305
Loop:	LM Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To transmit standard code list identification information
Syntax Notes:	
Semantic Notes:	
Comments:	**1** LM02 identifies the applicable industry code list source information.
Notes:	*Use this 2/LM/305 loop to provide codes from DoD 5010.12-M that identify the frequency of delivery for a CDRL data item.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LM01	559	**Agency Qualifier Code**	M ID 2/2
			Code identifying the agency assigning the code values	
			DF Department of Defense (DoD)	
Not Used	LM02	822	**Source Subqualifier**	O AN 1/15
			A reference that indicates the table or text maintained by the Source Qualifier	

Segment:	**LQ** Industry Code
Position:	306
Loop:	LM Optional
Level:	Detail
Usage:	Mandatory
Max Use:	1
Purpose:	Code to transmit standard industry codes
Syntax Notes:	1 If LQ01 is present, then LQ02 is required.
Semantic Notes:	
Comments:	

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
LQ01	1270	Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		FX Frequency	
		Use to indicate the frequency of delivery code for a data item deliverable on a Contract Data Requirements List (DD Form 1423).	
LQ02	1271	Industry Code	X AN 1/20
		Code indicating a code from a specific industry code list	

Segment:	**N9** Reference Number	
Position:	320	
Loop:	N9 Optional	
Level:	Detail	
Usage:	Optional	
Max Use:	1	
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier	
Syntax Notes:	1 At least one of N902 or N903 is required.	
	2 If N906 is present, then N905 is required.	
Semantic Notes:	1 N906 reflects the time zone which the time reflects.	
Comments:		
Notes:	*1. Use the 2/N9/320 loop to identify FAR, DFARS, Agency, or command clauses, OMB Circular, special instructions or other references that are applicable to a specific line item. If the information applies to all of the line items, use the 1/N9/290 loop.*	
	2. When an Alternate section is applicable to a cited clause, the alpha/numeric alternate identifier and the date MUST be cited in the following MSG segment.	
	3. When citing a clause in N902, the date of the clause MUST be cited in N904 and the title of the clause may optionally be cited in the following MSG segment.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N901	128	**Reference Number Qualifier**	M ID 2/2

Code qualifying the Reference Number.

5N	Citation of Statute	

Use to indicate the legislative authorization number under which a line item in the resulting instrument, e.g., a grant, will be awarded. Cite the legislative program title in N903.

73	Statement of Work (SOW)	

Description of a product or service to be procured under a contract; statement of requirements

BB	Authorization Number	

Proves that permission was obtained to provide a service

Use to indicate the Code of Federal Regulations.

CJ	Clause Number	

Use to indicate a purchasing activity clause (i.e., a clause not found in FAR, DFARS, etc.). Identify the purchasing activity issuing the clause in N903.

DF	Defense Federal Acquisition Regulations (DFAR)	

DX	Department/Agency Number	

Use to indicate an Agency clause and identify the agency in N903.

EC	Circular	

Use to indicate an Office of Management and Budget (OMB) circular number.

FA	Federal Acquisition Regulations (FAR)	
GS	General Services Administration Regulations (GSAR)	
K7	Paragraph Number	

Use to indicate information for an offeror. Cite an applicable number in N902 and provide the information in the following MSG segment. The numbering system can be based on the uniform contract format, e.g., H-1 for special requirements or any other numbering system the originator desires.

KD	Special Instructions Number	

Use to indicate a special instruction. Indicate the agency, command or purchasing activity issuing the special instruction in N903. If this special instruction number is not included in previously provided terms and conditions, provide the full text in the following MSG segment.

KT	Request for Quotation Reference	

A discrete number assigned for identification purposes to a request for quotation

Use to indicate another type of reference number applicable to the solicitation. This number is not the solicitation number (which is carried in BQT02). This code can be used as a means to provide clear text information, i.e., Notice to Bidders, in the following MSG segment. Another example of the use of this code can be to provide the reason for the cancellation of the solicitation.

KY	Site Specific Procedures, Terms, and Conditions	

A set of procedures, terms, and conditions, applicable to a category of procurement emanating from a specific location, which will be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents

KZ	Master Solicitation Procedures, Terms, and Conditions	

A set of standard procedures, terms, and conditions, applicable to a category of procurement, which will

be incorporated into all procurement actions in that category by referencing its unique number rather than by incorporating the lengthy details it represents

Use to indicate a Master Solicitation number that contains applicable terms and conditions.

	VB	Department of Veterans Affairs Acquisition Regulations (VAAR)
	ZZ	Mutually Defined

Use to indicate any other reference that cannot use a specific qualifier code. Indicate the source of the reference in N903 and use the following MSG segment, if necessary, to pass text.

	N902	**127**	**Reference Number**		**X**	**AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.

	N903	**369**	**Free-form Description**		**X**	**AN 1/45**

Free-form descriptive text

1. When N901 is code CJ or DX, use to identify the agency, command, or purchasing activity issuing the clause cited in N902.

2. When N901 is code ZZ, use to identify the source of the reference and use the following MSG segment for text, if necessary.

3. Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

	N904	**373**	**Date**		**O**	**DT 6/6**

Date (YYMMDD)

Use to indicate the date of the clause cited in N902. The DD portion of the date is always 01.

Not Used	**N905**	**337**	**Time**		**X**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	**N906**	**623**	**Time Code**		**O**	**ID 2/2**

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

Segment:	**MSG** Message Text
Position:	330
Loop:	N9 Optional
Level:	Detail
Usage:	Optional
Max Use:	1000
Purpose:	To provide a free form format that would allow the transmission of text information.
Syntax Notes:	
Semantic Notes:	
Comments:	**1** MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Notes:

1. Use this segment to carry the title or full text of any clause, a special instruction, or other information associated with the number cited in N902.

2. This segment is also used to carry clause fill-in information that is not provided elsewhere within the transaction set. Use of clause titles when providing fill-in information is recommended.

3. When providing fill-in information, the following format is recommended:

*   a) In the first iteration of the segment, cite the clause title, and the clause Alternate identifier if applicable, followed by a pipe sign to indicate the end of the title information, then cite the number of fill-ins followed by a second pipe sign to indicate the end of the title segment.*

*   b) For each fill-in, begin a new MSG segment using the sequence in which the fill-ins appear within the clause. These MSG segments may each begin with a number indicating the fill-in's sequence position. End each fill-in with a pipe sign. If multiple iterations of MSG are required for a long fill-in, end only the last MSG segment of that fill-in with the pipe sign.*

4. The purpose of the pipe sign (|) is to provide an indication to receiving applications that the data string related to a single entry has been completed.

*   An example of a clause with 3 fill-ins follows:*

*   MSG*Commencement, Prosecution, and Completion of Work Alternate I (Apr 1984)|3|*
*   MSG*1. 30|*
*   MSG*2. 30 Sep 1995|*
*   MSG*3. 15 Jan 1995|*

5. An example alternative format provides all fill-in information within the title MSG segment as follows:

*   MSG*Commencement, Prosecution, and Completion of Work Alternate I (Apr 1984)|3|30|Sep 30, 1995|Jan 15, 1995|*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	MSG01	933	**Free-Form Message Text**	M AN 1/264
			Free-form message text	
Not Used	MSG02	934	**Printer Carriage Control Code**	O ID 2/2
			A field to be used for the control of the line feed of the receiving printer	

Segment:	# N1 Name
Position:	340
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	1 At least one of N102 or N103 is required.
	2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
	2 N105 and N106 further define the type of entity in N101.

Notes:

1. Use the 2/N1/340 loop to identify organizations and locations that apply to a specific line item. Use the 1/N1/310 loop to identify organizations and locations that apply to all of the line items.

2. Whenever possible, identification and address information should be provided using N101, N103 and N104. Use N102 and segments N2 through N4, as applicable, when this information cannot be provided using one of the codes listed in N103.

3. When this segment is used to provide a ship-to address for distribution of a data item on a Contract Data Requirements List, N102 should be used to specify the office symbol or code within the receiving organization, if necessary.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code**	M ID 2/2

Code identifying an organizational entity, a physical location, or an individual

31   Postal Mailing Address

Use only when an actual mailing address is required and it is different from the address provided for any other qualifier code. Do not use if another qualifier code can be used to pass this address. When used, cite the name of the party in N102 and the N2 segment, if necessary.

44   Data Processing Service Bureau

Use to indicate the Agency's Hazardous Material Information System (HMIS) central focal point to whom Material Safety Data Sheets are to be sent.

7G   Hazardous Material Office

Use to indicate the installation Hazardous Material or Safety Office serving the ship-to location.

7L   Preliminary Inspection Location

Use to indicate the inspection location of a first article.

7M   Inspection and Acceptance Location

Use to indicate the inspection and acceptance point when both are at the same location but the location is neither at origin nor at destination.

88   Approver

Manufacturer's representative approving claim for payment

Use to indicate the party approving a Contract Data Requirements List.

CY   Country

Use to indicate the country to which a Foreign Military Sale applies. Cite "FMS" in N102 and cite the applicable two position ISO 3166 country code in N404.

EL   Established Location

Use to indicate the site or property inspection location.

IC   Intermediate Consignee

When FOB02 is code IT, use to indicate a freight forwarder.

IS   Party to Receive Certified Inspection Report

KF   Audit Office

The office performing the audit

KG   Project Manager

The address of the person responsible for the management of a designated project

Use to indicate the government party responsible for a project to include the advisor under a grant

KX   Free on Board Point

Use to indicate the FOB point when it has to be described by a specific address rather than as a code value indicating either origin or destination. Applicable when FOB02 is code KE, KL or ZZ.

KY   Technical Office

Use to indicate the technical office that has cognizance over the technical portion of the order, if different than the office originating the order. Do not use unless it is intended for the contractor

to deal directly with the cited party.

KZ   Acceptance Location

Use when the acceptance point is other than at origin or destination.

L1   Inspection Location

Place where the item was viewed or inspected

Use to indicate the inspection location when it has to be described as an address.

P1   Preparer

The firm, organization, or individual who determines the tax liability from information supplied by the taxpayer

Use to indicate the preparer of a Contract Data Requirements List.

PW   Pick Up Address

Use to indicate the location where government property is to be picked up for repair or other disposition.

R6   Requester

Use to indicate the requesting agency/activity.

ST   Ship To

Use to indicate the address to which an item must be shipped. If the address is an FPO or APO, cite FPO or APO in N102, cite the zip code in N403, cite code AR in N405, and cite the two letter identifier (AA for Miami, AE for New York, AP for San Francisco) in N406.

SV   Service Performance Site

When services are contracted for, this describes the organization for whom or location address at which those services will be performed

Use to indicate the location where a service is to be performed, e.g., grass cutting.

TS   Party to Receive Certified Test Results

When IT801 is Code QP, use to indicate the party to whom an offeror should submit the certified test results which demonstrate that he or his quoted product meets the established standards for qualification.

X2   Party to Perform Packaging

A party responsible for packaging an item after it has been produced

Z7   Mark-for Party

The party for whom the needed material is intended

| | **N102** | **93** | **Name** | **X** | **AN 1/35** |
| | | | Free-form name | | |

| | **N103** | **66** | **Identification Code Qualifier** | **X** | **ID 1/2** |

Code designating the system/method of code structure used for Identification Code (67)

While the federal EDI program uses the DUNS number, other government users of this implementation convention may require the use of other and additional numbers for a transition period in order to cross reference existing data bases to new procurement actions.

1   D-U-N-S Number, Dun & Bradstreet

The DUNs or DUNS+4 number is preferred over other codes to identify an entity.

9   D-U-N-S+4, D-U-N-S Number with Four Character Suffix

The DUNs or DUNS+4 number is preferred over other codes to identify an entity.

10   Department of Defense Activity Address Code (DODAAC)

Use to indicate either a Department of Defense or Civilian Agency Activity Address Code.

16   ZIP Code

When N101 is Code ST, use to indicate a general shipping area for quoting purposes.

33   Commercial and Government Entity (CAGE)

A2   Military Assistance Program Address Code (MAPAC)

Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity

	N104	**67**	**Identification Code**	**X**	**AN 2/20**
			Code identifying a party or other code		
Not Used	**N105**	**706**	**Entity Relationship Code**	**O**	**ID 2/2**
			Code describing entity relationship		
Not Used	**N106**	**98**	**Entity Identifier Code**	**O**	**ID 2/2**

Code identifying an organizational entity, a physical location, or an individual

Segment:	**N2** Additional Name Information				

Segment: **N2** Additional Name Information

Position: 350

Loop: N1   Optional

Level: Detail

Usage: Optional

Max Use: 2

Purpose: To specify additional names or those longer than 35 characters in length

Syntax Notes:

Semantic Notes:

Comments:

Notes: *This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	**N201**	**93**	**Name**	**M**	**AN 1/35**
			Free-form name		
	N202	**93**	**Name**	**O**	**AN 1/35**
			Free-form name		

Segment: **N3** **Address Information**

Position: 360
Loop: N1　　　Optional
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N301	166	**Address Information**	M	AN 1/35
			Address information		
	N302	166	**Address Information**	O	AN 1/35
			Address information		

	N4 Geographic Location
Segment:	

Segment: **N4** Geographic Location

Position: 370
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1   If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1   A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
          2   N402 is required only if city name (N401) is in the USA or Canada.
Notes: *This segment is not necessary when the entity cited in N101 is described by a code in N103/N104.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
N401	19	**City Name**	**O** **AN 2/30**
		Free-form text for city name	
N402	156	**State or Province Code**	**O** **ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency	
N403	116	**Postal Code**	**O** **ID 3/11**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
N404	26	**Country Code**	**O** **ID 2/3**
		Code identifying the country	
		Cite the two position ISO 3166 country code.	
N405	309	**Location Qualifier**	**X** **ID 1/2**
		Code identifying type of location	
		AR Armed Services Location Designation	
		Use to indicate an Army Post Office (APO) or a Fleet Post Office (FPO).	
N406	310	**Location Identifier**	**O** **AN 1/30**
		Code which identifies a specific location	
		When N405 is code AR, cite the two letter APO or FPO identifier (AA for Miami, AE for New York, AP for San Francisco).	

Segment:	**PER** Administrative Communications Contact			

Position:	390
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	3
Purpose:	To identify a person or office to whom administrative communications should be directed
Syntax Notes:	1 If either PER03 or PER04 is present, then the other is required.
	2 If either PER05 or PER06 is present, then the other is required.
	3 If either PER07 or PER08 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	*Use this segment to provide communications contacts associated with the entities cited in the same N1 loop.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	PER01	366	**Contact Function Code**	M ID 2/2

Code identifying the major duty or responsibility of the person or group named

Use to identify communication numbers of parties associated with an address in this N1 loop.

AV	Advisor

Use in conjunction with N101 code KG to indicate the government party who will work with the eventual contractor on basic R&D efforts in a particular science area.

IC	Information Contact

When no other qualifier code is applicable, use to indicate a general information point of contact at the location cited in N101.

PP	Program Manager

1. Includes the Grants Project Officer

2. Use in conjunction with N101 code KG.

	Ref. Des.	Data Element	Name	Attributes
	PER02	93	**Name**	O AN 1/35

Free-form name

Use to identify the name of a point of contact. Last name followed by first name is preferred. If the whole name is longer than 35 characters, the use of initials for the first name is recommended. PER09 may be used to cite the party's title.

PER03	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

AU	Defense Switched Network	
	Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
EM	Electronic Mail	
FX	Facsimile	
IT	International Telephone	
	Include the country code.	
TE	Telephone	
	Use to indicate the commercial telephone number of individual cited in PER02. Include the area code.	

PER04	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.

PER05	**365**	**Communication Number Qualifier**	**X**	**ID 2/2**

Code identifying the type of communication number

Use to identify a second communications number for the party cited in PER02. For example, if PER03/04 cites a telephone number, PER05/06 can be used to cite a FAX number.

AU	Defense Switched Network	
	Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)	
EM	Electronic Mail	
EX	Telephone Extension	
	Use only if PER03 is used citing code AU or TE	
FX	Facsimile	
IT	International Telephone	
	Include the country code.	
TE	Telephone	
	Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.	

PER06	**364**	**Communication Number**	**X**	**AN 1/80**

Complete communications number including country or area code when applicable

All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.

PER07	365	**Communication Number Qualifier**	**X ID 2/2**

Code identifying the type of communication number

Use to identify a third communications number for the party cited in PER02.

	AU	Defense Switched Network

Department of Defense telecommunications system and successor of the Automatic Voice Network (AUTOVON)

	EM	Electronic Mail
	EX	Telephone Extension

Use only if PER05 is used citing code AU or TE.

	FX	Facsimile
	IT	International Telephone

Include the country code.

	TE	Telephone

Use to indicate the commercial telephone number of the individual cited in PER02. Include the area code.

PER08	364	**Communication Number**	**X AN 1/80**

Complete communications number including country or area code when applicable

All numbers, other than those associated with code EM, shall be transmitted as a continuous number with no extraneous characters.

PER09	443	**Contact Inquiry Reference**	**O AN 1/20**

Additional reference number or description to clarify a contact number

Use, if necessary, to provide the title of the party cited in PER02.

	Segment:	**SCH** Line Item Schedule

Segment: **SCH** Line Item Schedule

Position: 405
Loop: N1   Optional
Level: Detail
Usage: Optional
Max Use: 200
Purpose: To specify the data for scheduling a specific line-item
Syntax Notes: **1**   If SCH03 is present, then SCH04 is required.
                     2   If SCH08 is present, then at least one of SCH09 or SCH10 is required.
                     3   If SCH09 is present, then SCH08 is required.
                     4   If SCH10 is present, then SCH08 is required.
Semantic Notes: **1**   SCH12 is the schedule identification.
Comments: **1**   SCH05 specifies the interpretation to be used for SCH06 and SCH07.
Notes: *Use this segment to identify a partial delivery when it can be specified as an actual date and is applicable to a named entity.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SCH01	380	**Quantity**	M R 1/15
			Numeric value of quantity	
Must Use	SCH02	355	**Unit or Basis for Measurement Code**	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			1. Use any code other than code ZZ.	
			2. An application program conversion table may be required to convert agency codes to ASC X12 codes.	
			Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used	SCH03	98	**Entity Identifier Code**	O ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
Not Used	SCH04	93	**Name**	X AN 1/35
			Free-form name	
Must Use	SCH05	374	**Date/Time Qualifier**	M ID 3/3
			Code specifying type of date or time, or both date and time	

        002   Delivery Requested

                               Use to indicate that delivery is requested earlier than required by a basic award instrument.

        017   Estimated Delivery

        063   Do Not Deliver After

                               Use to indicate that deliveries cannot be made after a specified date and/or time.

		064	Do Not Deliver Before			

Use to indicate that deliveries cannot be made before a specified date and/or time.

| | | 077 | Requested for Delivery (Week of) | | | |

When this code is used, cite the beginning day of the week.

| | | 106 | Required By | | | |

Use to indicate delivery is required exactly on the date specified.

| | | 174 | Month Ending | | | |

Use to indicate delivery is required on the last day of the specified month.

| | | 358 | Cycle Begin | | | |

Date on which the cycle begins

| | | 375 | Delivery Start | | | |

The date that deliveries will begin

Use to indicate the required start date for deliveries when the total quantity is to be delivered during a specified time period.

| | | 996 | Required Delivery | | | |

A date on which or before, ordered goods or services must be delivered

Use to indicate delivery is required on or before the specified date.

| Must Use | SCH06 | 373 | **Date** | | **M** | **DT 6/6** |

Date (YYMMDD)

| | SCH07 | 337 | **Time** | | **O** | **TM 4/8** |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.

| | SCH08 | 374 | **Date/Time Qualifier** | | **X** | **ID 3/3** |

Code specifying type of date or time, or both date and time

| | | 002 | Delivery Requested | | | |

Use to indicate that delivery is requested earlier than required by a basic award instrument.

| | | 017 | Estimated Delivery | | | |
| | | 063 | Do Not Deliver After | | | |

Use to indicate that deliveries cannot be made after a specified date and/or time.

		064	Do Not Deliver Before		

Use to indicate that deliveries cannot be made before a specified date and/or time.

		077	Requested for Delivery (Week of)

When this code is used, cite the beginning day of the week.

		106	Required By

Use to indicate delivery is required exactly on the date specified.

		174	Month Ending

Use to indicate delivery is required on the last day of the specified month.

		359	Cycle End

Date on which the cycle ends

		376	Delivery End

The date that deliveries will end

Use to indicate the end date for deliveries when the total quantity is to be delivered during a specified time period.

		996	Required Delivery

A date on which or before, ordered goods or services must be delivered

Use to indicate delivery is required on or before the specified date.

	SCH09	373	**Date**	**X**	**DT 6/6**

Date (YYMMDD)

	SCH10	337	**Time**	**X**	**TM 4/8**

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Use, if applicable, to identify the time for a delivery. Specify time only in the HHMM format.

	SCH11	326	**Request Reference Number**	**O**	**AN 1/45**

Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)

Use, as applicable, to cross reference the cited line item, for example, to an RFQ or requisition number.

Not Used	SCH12	350	**Assigned Identification**	**O**	**AN 1/11**

Alphanumeric characters assigned for differentiation within a transaction set

Segment:		**TD5** Carrier Details (Routing Sequence/Transit Time)		

Position:	420
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify the carrier and sequence of routing and provide transit time information
Syntax Notes:	1 At least one of TD502 TD504 TD505 TD506 or TD512 is required.
	2 If TD502 is present, then TD503 is required.
	3 If TD507 is present, then TD508 is required.
	4 If TD510 is present, then TD511 is required.
Semantic Notes:	
Comments:	1 When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.
Notes:	*Use this 2/TD5/420 segment to specify the transportation method applicable to a named entity for a specific line item.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Not Used **TD501**	**133**	**Routing Sequence Code**	**O ID 1/2**
		Code describing the relationship of a carrier to a specific shipment movement	
TD502	**66**	**Identification Code Qualifier**	**X ID 1/2**
		Code designating the system/method of code structure used for Identification Code (67)	
		10 Department of Defense Activity Address Code (DODAAC)	
		When TD504 is code PL, use to indicate the DoDAAC of the pipeline.	
TD503	**67**	**Identification Code**	**X AN 2/20**
		Code identifying a party or other code	
TD504	**91**	**Transportation Method/Type Code**	**X ID 1/2**
		Code specifying the method or type of transportation for the shipment	
		1. Use any code other than code ZZ.	
		2. An application program conversion table may be required to convert agency codes to ASC X12 codes.	
		D Parcel Post	
		Use to indicate the US Postal Service and not a private carrier.	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
Not Used **TD505**	**387**	**Routing**	**X AN 1/35**

Free-form description of the routing or requested routing for shipment, or the originating carrier's identity

| Not Used | TD506 | 368 | **Shipment/Order Status Code** | X | ID 2/2 |

Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction

| Not Used | TD507 | 309 | **Location Qualifier** | O | ID 1/2 |

Code identifying type of location

| Not Used | TD508 | 310 | **Location Identifier** | X | AN 1/30 |

Code which identifies a specific location

| Not Used | TD509 | 731 | **Transit Direction Code** | O | ID 2/2 |

The point of origin and point of direction

| Not Used | TD510 | 732 | **Transit Time Direction Qualifier** | O | ID 2/2 |

Code specifying the value of time used to measure the transit time

| Not Used | TD511 | 733 | **Transit Time** | X | R 1/4 |

The numeric amount of transit time

| | TD512 | 284 | **Service Level Code** | X | ID 2/2 |

Code defining service

Use any code other than code ZZ.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment:	**TD4** Carrier Details (Special Handling or Hazardous Materials or Both)
Position:	440
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	5
Purpose:	To specify transportation special handling requirements, or hazardous materials information, or both
Syntax Notes:	1 At least one of TD401 TD402 or TD404 is required.
	2 If TD402 is present, then TD403 is required.
Semantic Notes:	
Comments:	
Notes:	*Use this 2/TD4/440 segment when special handling or hazardous material information is applicable to a named entity for a specific line item.*

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
TD401	152	**Special Handling Code**	X ID 2/3

Code specifying special transportation handling instructions

Any code, other than code ZZZ, may be used but the listed codes are preferred.

AMM   A.M. Delivery Requirement
DA   Dangerous
EP   Expedite
EX   Explosive Flammable Gas
FG   Flammable Gas
FL   Flammable
FP   Flammable Poison Gas
HM   Endorsed as Hazardous Material
LT   Less Than Full Carload
LTT   Less Than Truckload
NC   Notify Consignee Before Delivery
PG   Poisonous Gas
PMM   P.M. Delivery Requirement

Refer to 003050 Data Element Dictionary for acceptable code values.

TD402	208	**Hazardous Material Code Qualifier**	X ID 1/1

Code which qualifies the Hazardous Material Class Code (209)

Use any code.

Refer to 003050 Data Element Dictionary for acceptable code values.

TD403	209	**Hazardous Material Class Code**	X AN 2/4

Code specifying the kind of hazard for a material

TD404	352	**Description**	X AN 1/80

A free-form description to clarify the related data elements and their content

Use of free form text is discouraged if the information can be provided by some other means within the transaction set.

Segment:	**PKG** Marking, Packaging, Loading
Position:	450
Loop:	N1 Optional
Level:	Detail
Usage:	Optional
Max Use:	200
Purpose:	To describe marking, packaging, loading, and unloading requirements
Syntax Notes:	1 At least one of PKG04 PKG05 or PKG06 is required.
	2 If PKG04 is present, then PKG03 is required.
	3 If PKG05 is present, then PKG01 is required.
Semantic Notes:	1 PKG04 should be used for industry-specific packaging description codes.
Comments:	1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
	2 If PKG01 = ``F'', then PKG05 is used. If PKG01 = ``S'', then PKG04 is used. If PKG01 = ``X'', then both PKG04 and PKG05 are used.
	3 Use PKG03 to indicate the organization that publishes the code list being referred to.
	4 Special marking or tagging data can be given in PKG05 (description).
Notes:	*1. Use this 2/PKG/450 segment to identify packaging requirements applicable to a named entity for a specific line item.*
	2. Packaging information such as the number of items in a unit container, the number of unit containers in an intermediate container, and the gross weight, cube and dimensions of a unit container or an intermediate container, is carried in the 2/PO4/090 segment.
	3. When physical detail information is required for the same line item going to various ship-to addressees, SUBCLINS must be used.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
PKG01	**349**	**Item Description Type**	**X ID 1/1**

Code indicating the format of a description

F		Free-form
S		Structured (From Industry Code List)
X		Semi-structured (Code and Text)

Ref. Des.	Data Element	Name	Attributes
PKG02	**753**	**Packaging Characteristic Code**	**O ID 1/5**

Code specifying the marking, packaging, loading and related characteristics being described

Use the listed codes to identify the applicable packaging requirements.

CD		Cleaning or Drying Procedure
CT		Cushioning Thickness
CUD		Cushioning and Dunnage
HM		Hazardous Material

IC		Intermediate Container
LP		Level Of Preservation
OPI		Optional Procedure Indicator
PK		Packing

When the packing code associated with Packaging Characteristic Code PK is a three position code; the first position signifies Level A packing for Overseas shipments via surface; the second position signifies Level B packing for Overseas shipments via a freight forwarder, APO/FPO or air; the third position signifies Level C packing for domestic shipments. When standard commercial packaging per ASTM D3951 is acceptable, cite MIL-STD 2073 -2C code X in PKG04.

PM		Preservation Method
PML		Preservation Material
SMK		Special Marking
UC		Unit Container
UCL		Unit Container Level
WM		Wrapping Material

PKG03   559   Agency Qualifier Code   X   ID 2/2

Code identifying the agency assigning the code values

DF	Department of Defense (DoD)
GS	General Services Administration (GSA)
	Responsible for Federal Specification
ZZ	Mutually Defined

Use to indicate a federal activity other than DoD or GSA.

PKG04   754   Packaging Description Code   X   AN 1/7

A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product

1. The actual codes associated with the packaging characteristic codes cited in PKG02 can be found in ASC X12 Code Source List 197 (which is MIL-STD 2073-2C).

2. When the offeror is to select the appropriate requirement or method associated with a packaging characteristic code, insert "Y" or "YY" (dependent on the number of positions in the code).

3. Insert "Z" or "ZZ" (dependent on the number of positions in the code) to indicate that supplementary or special requirements apply to a packaging characteristic which are not represented by a code listed in MIL-STD 2073-2C. Use PKG05 to provide the supplemental or special requirement information.

| | **PKG05** | **352** | **Description** | | **X** | **AN 1/80** |

A free-form description to clarify the related data elements and their content

| **Not Used** | **PKG06** | **400** | **Unit Load Option Code** | | **X** | **ID 2/2** |

Code identifying loading or unloading a shipment

Segment:	**LDT** Lead Time		
Position:	470		
Loop:	LDT	Optional	
Level:	Detail		
Usage:	Optional		
Max Use:	1		
Purpose:	To specify lead time for availability of products and services		
Syntax Notes:			
Semantic Notes:	**1**	LDT04 is the effective date of lead time information.	
Comments:	**1**	LDT02 is the quantity of unit of time periods.	
Notes:			

1. Use this 2/LDT/470 loop if the delivery schedule is expressed as a set period after the occurrence of some event and the ship-to address differs by line item. If the delivery schedule is the same for all the ship-to addressees of the line item, use the 2/LDT/297 loop.

2. The following are examples of how this LDT loop can be used to specify a delivery schedule:

Example 1: Deliver 50 each 180 days after date of order.

LDT*AY*180*DA n/l
QTY*1J*50*EA n/l

Example 2: Deliver the total quantity of 500 each as follows: 50 per month commencing 180 days after date of order.

LDT*AY*180*DA n/l
QTY*1J*50*MO n/l

Example 3: Deliver the total quantity of 20,500 each as follows: 2500 each per quarter commencing 90 days after date of order until half the order is completed, then 1000 each per month until the total order is completed.

LDT*AY*90*DA n/l
QTY*1J*2500*Q1 n/l
QTY*1K*4*Q1 n/l
LDT*AM*1*MO n/l
QTY*1J*1000*MO n/l
QTY*1K*10*MO n/l
LDT*AK*1*MO n/l
QTY*1J*500*EA n/l

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	LDT01	345	Lead Time Code	M ID 2/2

Code indicating the time range

AD	From date of sample approval to first product shipment
AH	From Date of Receipt of First Article to First Article Approval
AI	From Date of a Specified Event to Delivery
	When this code is used, specify the event in the following MSG segment.
AJ	From Date of First Delivery to Date of Subsequent Delivery(ies)
AK	From Date Of Latest Delivery To Final Delivery
AM	From Date Of Previous Delivery To Date Of Subsequent Delivery
AV	From Date of Award to Date of Latest Delivery
AW	From Date of Award to Date of Earliest Delivery
AX	From Date of Award to Date of Completion
	Use to indicate the completion date for a level of effort.
AY	From Date of Award to Date of Delivery
AZ	From Date of Receipt of Item to Date of Approval of Item

Must Use	**LDT02**	**380**	**Quantity**		**M R 1/15**

Numeric value of quantity

Must Use	**LDT03**	**344**	**Unit of Time Period or Interval**		**M ID 2/2**

Code indicating the time period or interval

CY	Calendar Year
DA	Calendar Days
KK	Maximum Calendar Days
	Use to indicate a flexible time period, e.g., X number of days or less.
MO	Month
QY	Quarter of a Year
SA	Semiannual
WK	Weeks

	LDT04	**373**	**Date**		**O DT 6/6**

Date (YYMMDD)

Use to cite a date relevant to the lead time code. For example, the start date of the cited activity.

Segment:	**MAN** Marks and Numbers		
Position:	480		
Loop:	LDT Optional		
Level:	Detail		
Usage:	Optional		
Max Use:	10		
Purpose:	To indicate identifying marks and numbers for shipping containers		
Syntax Notes:	1	If either MAN04 or MAN05 is present, then the other is required.	
	2	If MAN06 is present, then MAN05 is required.	
Semantic Notes:	1	MAN01/MAN02 and MAN04/MAN05 may be used to identify two different marks and numbers assigned to the same physical container.	
	2	When both MAN02 and MAN03 are used, MAN02 is the starting number of a sequential range and MAN03 is the ending number of that range.	
	3	When both MAN05 and MAN06 are used, MAN05 is the starting number of a sequential range, and MAN06 is the ending number of that range.	
Comments:	1	When MAN01 contains code UC (U.P.C. Shipping Container Code) and MAN05/MAN06 contain a range of ID numbers, MAN03 is not used. The reason for this is that the U.P.C. Shippping Container code is the same on every carton that is represented in the range in MAN05/MAN06.	
	2	MAN03 and/or MAN06 are only used when sending a range(s) of ID numbers. When both MAN02/MAN03 and MAN05/MAN06 are used to send ranges of ID numbers, the integrity of the two ID numbers must be maintained.	

Notes: *1. Use this segment to identify marks and numbers associated with a ship-to addressee.*

2. Use to identify such data as MILSTRIP/FEDSTRIP number, Transportation Control number, Project Priority number, and consignee related codes.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	MAN01	88	**Marks and Numbers Qualifier**	**M**	**ID 1/2**
			Code specifying the application or source of Marks and Numbers (87)		
			L Line Item Only		
Must Use	MAN02	87	**Marks and Numbers**	**M**	**AN 1/45**
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN03	87	**Marks and Numbers**	**O**	**AN 1/45**
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN04	88	**Marks and Numbers Qualifier**	**X**	**ID 1/2**
			Code specifying the application or source of Marks and Numbers (87)		
			L Line Item Only		
	MAN05	87	**Marks and Numbers**	**X**	**AN 1/45**
			Marks and numbers used to identify a shipment or parts of a shipment		
	MAN06	87	**Marks and Numbers**	**O**	**AN 1/45**
			Marks and numbers used to identify a shipment or parts of a shipment		

Segment: # QTY Quantity

Position: 490
Loop: LDT   Optional
Level: Detail
Usage: Optional
Max Use: 5
Purpose: To specify quantity information
Syntax Notes:
Semantic Notes:
Comments:
Notes:

1. Use this segment to specify the quantity of the item that is to be delivered in accordance with a delivery schedule. The deliverable quantity can be expressed as a discrete quantity or a quantity per time period, e.g., 1000 per month. To indicate a delivery rate per time period, cite in QTY02 the quantity to be delivered and cite in QTY03 the time period, e.g., days, week, months, quarter, years.

2. Use also, to indicate the length of a delivery period, e.g., 4 quarters or the number of shipments.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	QTY01	673	**Quantity Qualifier**	M ID 2/2

Code specifying the type of quantity

1J	Due	

The amount due to the customer

Use to indicate the quantity to be delivered.

1K	Time Units

The number of time units such as 8 (hours)

Use to indicate the length of the delivery period.

52	Number of Originals

Use to indicate the number of regular copies of a data item on a Contract Data Requirements List that are to be delivered.

K6	Drafts

Use to indicate the number of draft copies of a data item on a Contract Data Requirements List that are to be delivered.

KF	Duplicates

Use to indicate the number of reproducible copies of a data item on a Contract Data Requirements List that are to be delivered.

SA	Shipments

Use to indicate the number of shipments expected

to complete the deliverable quantity.

Must Use **QTY02** **380** **Quantity** **M R 1/15**

Numeric value of quantity

1. When QTY01 is Code 1J, cite the quantity to be delivered.

2. When QTY01 is Code 1K, cite the length of the delivery period in this data element, e.g., 4, and in QTY03, identify the time measurement of the delivery period, e.g., months.

QTY03 **355** **Unit or Basis for Measurement Code** **O ID 2/2**

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

1. Use any code other than code ZZ.

2. An application program conversion table may be required to convert agency codes to ASC X12 codes.

DA Days
When QTY01 is Code 1J, use to indicate frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

MO Months
When QTY01 is Code 1J, use to indicate the frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

Q1 Quarter (Time)
When QTY01 is Code 1J, use to indicate the frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

WK Week
When QTY01 is Code 1J, use to indicate the frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

YR Years
When QTY01 is Code 1J, use to indicate the frequency of delivery. When QTY01 is Code 1K, use to indicate the length of the delivery period.

Refer to 003050 Data Element Dictionary for acceptable code values.

Segment: # MSG Message Text

Position:	500
Loop:	LDT Optional
Level:	Detail
Usage:	Optional
Max Use:	1000
Purpose:	To provide a free form format that would allow the transmission of text information.
Syntax Notes:	
Semantic Notes:	
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
Notes:	*When LDT01 is code AI, use to identify the specified event.*

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	MSG01	933	**Free-Form Message Text**	M AN 1/264
			Free-form message text	
Not Used	MSG02	934	**Printer Carriage Control Code**	O ID 2/2
			A field to be used for the control of the line feed of the receiving printer	

Segment: **CTT** Transaction Totals

Position:	010
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To transmit a hash total for a specific element in the transaction set
Syntax Notes:	1 If either CTT03 or CTT04 is present, then the other is required.
	2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:	
Comments:	1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	CTT01	354	**Number of Line Items**	M N0 1/6

Total number of line items in the transaction set

Use to identify the number of PO1 segments contained in this transaction set.

	Ref. Des.	Data Element	Name	Attributes
	CTT02	347	**Hash Total**	O R 1/10

Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.

Example:

-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.

This is the sum of the quantities (PO102) for all of the PO1 segments.

	Ref. Des.	Data Element	Name	Attributes
Not Used	CTT03	81	**Weight**	X R 1/10

Numeric value of weight

	Ref. Des.	Data Element	Name	Attributes
Not Used	CTT04	355	**Unit or Basis for Measurement Code**	X ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

	Ref. Des.	Data Element	Name	Attributes
Not Used	CTT05	183	**Volume**	X R 1/8

Value of volumetric measure

	Ref. Des.	Data Element	Name	Attributes
Not Used	CTT06	355	**Unit or Basis for Measurement Code**	X ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

	Ref. Des.	Data Element	Name	Attributes
Not Used	CTT07	352	**Description**	O AN 1/80

A free-form description to clarify the related data elements and their content

Segment: **SE** **Transaction Set Trailer**

Position:	020
Loop:	
Level:	Summary
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
Syntax Notes:	
Semantic Notes:	
Comments:	1 SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments**	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Enter the same number carried in ST02.	